

CITY OF SIMI VALLEY

FISCAL YEAR 2017-18



ADOPTED FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2017-18 TO 2021-22

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Bob Huber, Mayor Mike Judge, Mayor Pro Tem Glen T. Becerra, Council Member Keith L. Mashburn, Council Member Dee Dee Cavanaugh, Council Member

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July 1, 2017

Dear Members of the City Council/Boards of Directors:

It is my pleasure to submit to you the Adopted Five-Year Capital Improvement Program (CIP) for FY 2017-18 to FY 2021-22. The City has been publishing a CIP annually since FY 2003-04 in order to identify and plan for future infrastructure, equipment, and technology needs. The information contained in the CIP provides the City Council with information regarding future capital project needs to be considered while deliberating the Adopted Budget for the upcoming fiscal year.

The CIP is submitted as a separate document to the Adopted Budget and contains detailed information, by project, regarding capital improvements adopted for financing in FY 2017-18. It also serves as a capital improvement spending plan for the subsequent four years. The CIP is a plan; all projects contained in the CIP in future fiscal years will not necessarily be funded as planned and the City Council will consider all projects on a year-by-year basis in conjunction with annual budget adoption and taking into consideration available resources.

Those departments, agencies, and districts responsible for implementing and overseeing the City's multi-year capital development activities developed the projects contained in this document. Information is provided for each project with regard to estimated cost, proposed financing, and the year(s) of implementation. Also provided are descriptions of the work to be accomplished, the project number, the project manager's name, and the estimated ongoing cost of operations and maintenance as a result of completing them.

Capital improvement projects are assigned to the following six categories:

Municipal Buildings and Grounds – New construction, expansion, and renovation of city-owned structures or outdoor areas or equipment

Bob Huber, Mayor Mike Judge, Mayor Pro Tem Glen T. Becerra, Council Member Keith L. Mashburn, Council Member Dee Dee Cavanaugh, Council Member

2929 Tapo Canyon Road, Simi Valley, CA 91063-2199 805.583.6700 www.simivalley.org

Sanitation – Enlargement of the City’s sanitation system, replacement of existing sanitation facilities and plant, and replacement of sewer lines

Technology – Improvements to the City’s communications and information technology capabilities

Transit – Expansion, replacement, and improvements to the City’s fleet of buses and vans and supporting facilities

Streets and Roads – Improvements to the City’s transportation infrastructure including streets, traffic signals, bicycle and pedestrian facilities, and storm drains

Waterworks District – Expansion and replacement of the City’s water distribution and storage system including tanks, treatment plants, pump stations, and distribution lines

Expenditure Program

A total of 88 projects at an estimated cost of \$182,019,500 are contained in the Adopted CIP. Funding of \$42,949,000 was approved in prior years. Funding for FY 2017-18, included in the annual budget, is \$29,685,600. An additional \$109,384,900 is planned by departments for funding in FY 2018-19 to FY 2021-22.

Projects are prioritized based upon urgency of need and available funding, with items that might cause public safety concerns taking highest priority, as do those which further City Council’s stated goals for a critical infrastructure and replacement plan. Projects that will generate future revenues (“pay back”) or which will result in operational efficiencies, such as technology improvements, are placed in higher priority. The 2017-18 Capital Improvement Program addresses the City Council’s goal of increasing investment in streets and roads infrastructure and continues the City Council’s priority to design and construct the West Simi Valley Recycled Water Project. In addition to the City’s normal prioritization, we are increasing capital expenditures in the Sanitation Fund in line with the outlined priorities determined during the rate increase discussions.

Notable projects and programs in FY 2017-18 are as follows:

- \$6.1 million in facility improvements to maintain our civic infrastructure, including continued work on the City Hall facility, improvements to our broadcasting equipment, repairs to the Library, Senior Center, and Cultural Arts Center buildings, a citywide security system for facilities, and construction of a new police practice range and training facility;

- \$5.3 million in streets and roads projects including \$4.2 million toward major street rehabilitation, \$670,000 toward local residential streets as part of the annual minor street overlay program, \$145,000 toward the Las Lajas Creek bridge widening project, as well as several other smaller projects.
- Over \$6.7 million in funding for projects to repair sewer lines and refurbish the City's Water Quality Control Plant. These activities are part of a 20-year, \$90.5 million program to replace aging sewer lines and refurbish an aging sewage treatment plant.
- Over \$4.4 million in funding for projects to repair and rehabilitate the water treatment, storage, and distribution system, as well as \$5 million to continue the recycled water system in West Simi Valley. This will expand recycled water service to paying customers with large irrigation or non-potable water demands, reducing imported water purchases by the Waterworks District and improving water supply reliability.
- Over \$1.4 million in important technology projects which includes a new Enterprise Resource Planning (ERP) system to replace the City's outdated financial, HR, land management, and other critical business systems.

Ongoing Operating Expenses

The projected annual increase in operations and maintenance expense in FY 2017-18, as a result of projects scheduled for completion in FY 2017-18, is \$279,900 with \$266,900 from the General Fund and \$13,000 from the Waterworks District. If all projects scheduled in the CIP are completed, that amount will increase to \$674,900 per year as new projects are completed and put into service. The following table identifies the anticipated cumulative increases in operating expenses by fund and fiscal year.

PROJECTED CUMULATIVE INCREASE IN OPERATING EXPENSES

<u>Fund</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>	<u>FY2021-22</u>
General Fund	\$ 266,900	\$ 571,900	\$ 571,900	\$ 571,900	\$ 571,900
Waterworks District Operating Fund	\$ 13,000	\$ 27,000	\$ 103,000	\$ 103,000	\$ 103,000
Total Increase	\$ 279,900	\$ 598,900	\$ 674,900	\$ 674,900	\$ 674,900

Funding Sources

The City relies primarily upon non-General Fund revenue sources for its projects which results in the inability to keep pace with scheduled projects. As City revenues have remained fairly flat during the recent recession and costs have increased, the availability of General Fund monies for capital projects has also decreased.

In recognition of the City Council and the public's concern regarding a backlog in addressing the condition of City streets and roads, the investment in Major Streets rehabilitation projects has increased from \$860,000 last year to \$4.2 million this year. This was possible due to reprogramming of a past federal earmark of \$1.9 million and approval by the State for use of former Community Development Agency bond proceeds. Funding for Minor Streets overlay projects has been reduced from \$1.5 million last year to \$670,000 this year as available funding was reallocated to Major Streets due to various restrictions and project costs. The City has been allocated \$300,000 per year in Community Development Block Grants (CDBG) money for the annual Minor Streets program.

Requests for rate increases for both Sanitation and the Waterworks District were approved in 2015 and will increase funds available for capital infrastructure needs in those enterprises. The Sanitation and Waterworks Replacements Funds comprised the two largest funding sources in this year's CIP.

Other alternative funding sources for capital projects include grants, development agreement funds, building improvement funds, bond proceeds, and Public, Educational, and Governmental (PEG) funds which are collected as 1% of franchise cable television revenues within the City. These funds are restricted for use only on PEG channel related capital items and cannot be

used for ongoing operational cost.

Development Agreement Funds, collected from developers to contribute toward public facilities, is being used to front funds for design and construction of the new Police Training Facility and shooting range, and also to pay for various facility and technology improvements.

Finally, contributions from Waste Management and the City's air quality mitigation trust funds assist with various beautification and landscape projects.

Accounting System and Budgetary Control

The City's accounting records for general governmental operations are maintained on a modified accrual basis, with revenues being recorded when measurable and available to finance expenditures of the current fiscal year, and expenditures being recorded when the services or goods are received and liabilities incurred.

The City budget is prepared on a basis consistent with generally accepted accounting principles. Appropriations lapse at year-end for all funds, with the exception of capital projects, which have project-length budgets. Revenue and expenditure projections associated with capital projects are incorporated into the annual operating budget, as the City is legally required to appropriate all spending on a yearly basis. Multi-year capital project budgets are established as internal orders to track revenues and expenditures and to prevent overexpenditures without proper authorization.

Project budget reports can be generated on demand by operating departments. In addition, comprehensive reviews of both operating funds and capital projects are submitted to the City Council at the first quarter and at mid-year of each fiscal year. They are reviewed publicly at regularly scheduled City Council meetings.

Summary

The Adopted Five-Year Capital Improvement Program for FY 2017-18 to FY 2021-22 identifies the City's short-range and medium-range capital improvement needs. Investing in our streets, sanitation, and waterworks infrastructure, improving efficiency through technology, and updating and maintaining City facilities are emphasized as priorities in this spending plan.

Projects requested for funding in FY 2017-18 are also contained in the Adopted Budget, which is published separately. The projected development costs, operating costs, and sources of funding for projects planned for implementation during FY 2017-18 to 2021-22 are provided to assist the City Council/Boards of Directors in making informed budget decisions for FY 2017-18.

A handwritten signature in black ink, appearing to read 'E. Levitt', is positioned above a solid horizontal line.

Eric J. Levitt
City Manager

California Society of Municipal Finance Officers

Certificate of Award

Capital Budget Excellence Award Fiscal Year 2016-2017

Presented to the

City of Simi Valley

For meeting the criteria established to achieve the Capital Budget Excellence Award.

January 31, 2017



A handwritten signature in black ink, appearing to read "John Adams".

*John Adams
CSMFO President*

A handwritten signature in black ink, appearing to read "Craig Boyer".

*Craig Boyer, Chair
Professional Standards and
Recognition Committee*

Dedicated Excellence in Municipal Financial Reporting

RESOLUTION NO. 2017-26
RESOLUTION NO. WWD-267
RESOLUTION NO. SA-04
RESOLUTION NO. PL-18

A JOINT RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SIMI VALLEY, BOARDS OF DIRECTORS OF VENTURA COUNTY WATERWORKS DISTRICT NO. 8, SUCCESSOR AGENCY TO THE CITY OF SIMI VALLEY COMMUNITY DEVELOPMENT AGENCY, AND BOARD OF TRUSTEES FOR THE SIMI VALLEY LIBRARY APPROVING THE FY 2017-18 ANNUAL BUDGET AND THE FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FOR FY 2017-18 TO FY 2021-22

WHEREAS, the City Manager/District Manager/Executive Director/Executive Officer has submitted the FY 2017-18 Proposed Budget and the Preliminary Five-Year Capital Improvement Program for FY 2017-18 to FY 2021-22 to the City Council/Boards of Directors/Board of Trustees for its review and consideration on May 12, 2017, in accordance with budget policies and a schedule established by the City Council; and

WHEREAS, a Citizens' Participation meeting was conducted with staff on May 24, 2017, at which time members of the public were invited to voice their opinions on any budget items and provide ideas that they believe should be included in the Fiscal Year (FY) 2017-18 Annual Budget; and

WHEREAS, subsequent to providing the public an opportunity to submit written and oral comments, the City Council reviewed and modified, as appropriate, the FY 2017-18 Proposed Budget and Preliminary Five-Year Capital Improvement Program for FY 2017-18 to FY 2021-22; and

WHEREAS, pursuant to Governmental Accounting Standards Board Statement No. 54, an action of the City Council is necessary to commit budget amounts in various funds for the specific purposes they are intended.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Simi Valley/Boards of Directors of Ventura County Waterworks District No. 8/Successor Agency to the Simi Valley Community Development Agency, and Board of Trustees of the Simi Valley Library as follows:

SECTION 1. The FY 2017-18 Annual Budget and Five-Year Capital Improvement Program for FY 2017-18 to FY 2021-22 are hereby approved.

SECTION 2. All budget amounts that are to be used for specific purposes, as evidenced by the approved budget document, and any amendments thereto, are committed to these specific purposes by action of the City Council.

SECTION 3. A General Fund Prudent Reserve, equivalent to 17% of budgeted expenditures, is hereby established. The Prudent Reserve is to be used to respond to catastrophic events (e.g., earthquakes, fires, floods, civil disturbances, etc.). The City Manager or his/her designee is authorized to expend the reserved funds as necessary.

SECTION 4. The City Manager or his/her designee is authorized to make administrative amendments to the budget, provided the amendments do not have a significant policy impact or affect budgeted year-end fund balances.

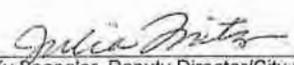
SECTION 5. The City Council hereby finds and determines that the planning and administrative expenses outlined in the FY 2017-18 budget for the Community Development Agency Housing Successor Agency Administration Fund are necessary for the production, improvement, or preservation of low- and moderate-income housing.

SECTION 6. This Resolution shall take effect immediately upon its adoption.

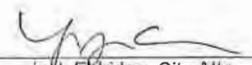
SECTION 7. The City Clerk shall certify to the adoption of this resolution and shall cause a certified resolution to be filed in the Office of the City Clerk.

PASSED and ADOPTED this 12th day of June 2017.

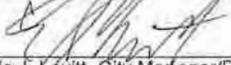
Attest:

<i>for:</i> 	
Ky Spangler, Deputy Director/City Clerk/ District Secretary/Agency Secretary/Board Secretary	Robert O. Huber, Mayor of the City of Simi Valley, California, Chair of the Ventura County Waterworks District No. 8, Successor Agency to the Simi Valley Community Development Agency, and President of the Simi Valley Library Board of Trustees

Approved as to Form:


Lonnie J. Eldridge, City Attorney/District
Counsel/Agency Counsel/General Counsel

Approved as to Content:


Eric J. Levitt, City Manager/District Manager
Executive Director/Executive Officer

BUDGET AND CIP FORMULATION AND ADOPTION

Each year, the City of Simi Valley develops and adopts a balanced budget which serves as a guide for providing City services. The budget contains detailed goals and objectives, a working financial plan, and financial projections for departments and agencies that comprise the City's governmental structure. A separate Capital Improvement Program (CIP) is also prepared as a more detailed listing of capital projects for which funding is included in the operating budget.

The City's fiscal year runs from July 1 to June 30. In November, departments and agencies are instructed to identify and submit requests for new positions and position reclassifications to the Human Resources office. Departments are instructed to identify and submit requests for capital office furniture and communications equipment to the Support Services office in early March. Requests for new and non-standard computer hardware and software are due to the Information Services office in early April.

In February, the City Council adopts budget development guidelines which provide overall direction for development of the Proposed Budget and Supporting Document. Subsequent to the City Council's action, in late February, the Budget Office issues detailed budget development instructions to departments and agencies.

Departments and agencies submit current level expense budgets, requests for budget increases (Policy Items), requests for replacement of equipment items (Capital Asset Requests), and possible budget reductions (Reductions) to the Budget Officer in March. Concurrently, the Human Resources Office, Information Services Office, and Support Services Office issues their recommendations for new and reclassified positions, non-standard computer hardware and software, office furniture, and communications equipment. The Budget Office, with assistance from departments and agencies, also develops preliminary revenue projections during this period.

The City Manager and his staff conduct a series of budget review meetings with departments and agencies in April. The City Manager also reviews revenue projections during this period.

A Proposed Budget for all operating and capital improvement funds and the CIP are prepared and distributed in May.

In early June the Budget Office develops recommendations for City Council consideration which are submitted in the form of a staff report submitted by the City Manager. One or more budget hearings are held by the City Council in June. Once adopted by City Council, the Adopted Budget and CIP go into effect on July 1.

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SUMMARY INFORMATION

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY CATEGORY

Category	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Municipal Buildings and Grounds	\$ 14,652,400	\$ 5,526,200	\$ 1,383,200	\$ 1,373,000	\$ 928,000	\$ 1,148,000	\$ 25,010,800
Sanitation	2,770,000	6,710,000	14,356,000	10,735,000	7,940,000	6,795,000	49,306,000
Technology	6,654,900	245,300	-	-	-	-	6,900,200
Transit	4,510,300	2,365,400	390,000	280,000	80,000	80,000	7,705,700
Streets and Roads	5,985,300	5,275,000	4,800,000	5,460,000	13,280,000	3,780,000	38,580,300
Waterworks	8,376,100	9,563,700	13,689,100	5,482,600	14,085,000	3,320,000	54,516,500
CITYWIDE TOTAL	\$ 42,949,000	\$ 29,685,600	\$ 34,618,300	\$ 23,330,600	\$ 36,313,000	\$ 15,123,000	\$ 182,019,500

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
<u>Municipal Buildings and Grounds Projects</u>							
City Facility Security Upgrades	\$ -	\$ 960,000	\$ -	\$ -	\$ -	\$ -	\$ 960,000
City Hall Lobby Improvements	-	-	125,000	-	-	-	125,000
City Hall Renovations	1,679,500	345,000	-	-	-	-	2,024,500
Community Room & Broadcast Equipt. Upgrade	450,000	1,050,000	-	-	-	-	1,500,000
Council Chamber PEG Facility Improvements	250,000	250,000	-	-	-	-	500,000
Cultural Arts Center Repairs	60,000	155,000	70,000	75,000	40,000	40,000	440,000
Cultural Arts Center Production Studio	-	-	150,000	200,000	250,000	-	600,000
Development Services Building Improvements	849,700	15,000	-	-	-	-	864,700
Library Collections	-	225,200	225,200	228,000	228,000	228,000	1,134,400
Library Furnishings & Equipment	-	32,000	45,000	45,000	45,000	45,000	212,000
Police Training Facility	2,911,700	75,000	75,000	75,000	75,000	75,000	3,286,700
Repairs and Upgrades to the Library	250,000	578,000	500,000	250,000	250,000	750,000	2,578,000
Senior Center Repairs and Upgrades	60,000	200,000	193,000	500,000	40,000	10,000	1,003,000
Solar Projects	8,141,500	1,641,000	-	-	-	-	9,782,500
Total For Category	\$ 14,652,400	\$ 5,526,200	\$ 1,383,200	\$ 1,373,000	\$ 928,000	\$ 1,148,000	\$ 25,010,800
<u>Sanitation Projects</u>							
10-12" Sewerline Rehabilitation	\$ 100,000	\$ -	\$ 970,000	\$ -	\$ -	\$ -	\$ 1,070,000
10-20" Sewerline Rehabilitation	-	-	-	100,000	1,950,000	-	2,050,000
10-27" Sewerline Rehabilitation	-	-	150,000	1,000,000	-	-	1,150,000
12-24" Sewerline Rehabilitation	-	-	-	-	25,000	1,225,000	1,250,000

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PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
<u>Sanitation Projects (continued)</u>							
14-36" Sewerline Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,720,000	\$ 1,745,000
24-36" Sewerline Rehabilitation	30,000	950,000	-	-	-	-	980,000
Annual Sewerline Assessment	-	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	-	-	90,000	-	-	-	90,000
BNR Blowers Replacement and/or Overhaul	-	-	-	-	-	1,500,000	1,500,000
BNR Mixer Replacement	-	-	550,000	-	-	-	550,000
BNR PLC and SCADA Upgrades	-	-	60,000	-	-	-	60,000
BNR West Recycle Pump Replacement	-	-	-	260,000	-	-	260,000
Concrete Structural Study/Repairs	195,000	280,000	-	-	-	-	475,000
Dewatering Equipment Replacement	375,000	2,550,000	-	-	-	-	2,925,000
Digesters Rehabilitation Project	660,000	-	3,550,000	-	-	-	4,210,000
Easy Street & Arroyo Simi Sewer Rehabilitation	-	-	-	-	510,000	-	510,000
Energy Savings Program	-	200,000	-	-	-	-	200,000
FEB & Primary Sludge Pump Replacement	-	-	336,000	-	-	-	336,000
Filter Equipment Replacement	-	-	100,000	1,050,000	-	-	1,150,000
First/Fifth/Royal/Ventura Sewerline	-	-	50,000	-	2,480,000	-	2,530,000
Grit Classifier Equipment Upgrade	-	-	-	150,000	500,000	-	650,000
Grit Pumps Replacement	-	-	175,000	-	-	-	175,000
Headworks Building Upgrade	125,000	500,000	-	3,150,000	-	-	3,775,000
Justin Avenue Sewerline Rehabilitation	-	-	-	450,000	-	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	75,000	-	-	2,100,000	2,100,000	2,100,000	6,375,000
Laboratory Hoods Replacement	-	-	-	-	100,000	-	100,000

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FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year							Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22		
<u>Sanitation Projects (continued)</u>								
Plant Water System Pump Replacement	\$ 560,000	\$ 660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,220,000
Public Works Warehouse	200,000	1,020,000	-	-	-	-	-	1,220,000
Rosalie and Tracy Sewerline Rehabilitation	-	-	-	650,000	-	-	-	650,000
Royal (Crosby-Fair) Sewerline Rehabilitation	50,000	-	1,780,000	-	-	-	-	1,830,000
Royal (Pride-Erringer) Sewerline Rehabilitation	-	200,000	2,790,000	-	-	-	-	2,990,000
Royal Ave-Stow Sewerline Rehabilitation	-	-	-	550,000	-	-	-	550,000
Secondary Clarifier/RAS Pump Replacement	200,000	100,000	1,025,000	1,025,000	-	-	-	2,350,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	50,000	-	2,480,000	-	-	-	-	2,530,000
Water Quality Control Plant Road Paving	150,000	150,000	150,000	150,000	150,000	150,000	150,000	900,000
Total For Category	\$ 2,770,000	\$ 6,710,000	\$ 14,356,000	\$ 10,735,000	\$ 7,940,000	\$ 6,795,000	\$ -	\$ 49,306,000
<u>Streets and Roads Projects</u>								
Annual Major Street Rehabilitation Program	ONGOING	\$ 4,235,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 9,035,000
Annual Minor Street Overlay Program	ONGOING	670,000	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000	7,270,000
Barnard St. Bridge Rehabilitation	-	-	330,000	-	-	-	-	330,000
Bicycle and Pedestrian Facilities	ONGOING	-	120,000	120,000	120,000	120,000	120,000	480,000
Dewatering Wells Rehabilitation	170,000	-	120,000	120,000	120,000	120,000	120,000	650,000
Highway Safety Improvement Program	297,000	50,000	50,000	50,000	50,000	50,000	50,000	547,000
Landscape Beautification	400,000	80,000	80,000	80,000	80,000	80,000	80,000	800,000
Las Lajas Creek Bridge Widening	1,086,000	145,000	-	-	-	-	-	1,231,000
LA Avenue Bridge W of First St	-	-	-	1,700,000	9,510,000	-	-	11,210,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY CATEGORY AND PROJECT

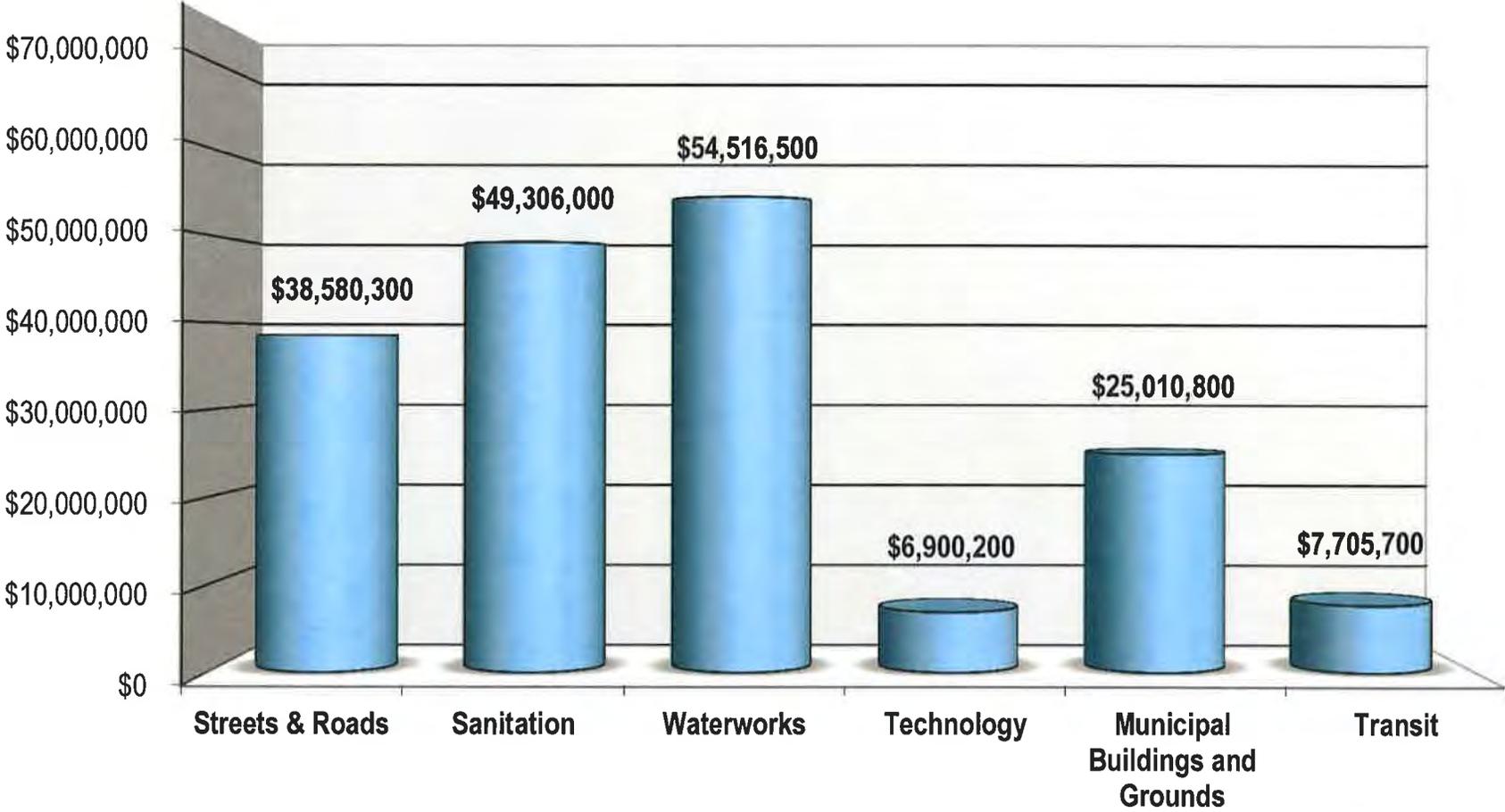
Category/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
<u>Streets and Roads Projects</u>							
LA Ave Widening (Church St-Tapo Cyn Drain)	220,000	40,000	-	-	-	-	260,000
Madera Rd Bridge Rehab South of the 118	-	-	420,000	-	-	-	420,000
Storm Drain Improvements	-	-	200,000	200,000	200,000	200,000	800,000
Tapo Street Road/Drainage Improvements	-	-	300,000	-	-	-	300,000
Traffic Signal Synchronization	ONGOING	-	150,000	150,000	150,000	150,000	600,000
Upgrades to Traffic Signals	-	-	180,000	190,000	200,000	210,000	780,000
West LA Widening (PSC - City Limits)	3,812,300	55,000	-	-	-	-	3,867,300
Total For Category	\$ 5,985,300	\$ 5,275,000	\$ 4,800,000	\$ 5,460,000	\$ 13,280,000	\$ 3,780,000	\$ 38,580,300
<u>Technology Projects</u>							
Financial Information System Replacement	\$ 4,654,900	\$ 245,300	\$ -	\$ -	\$ -	\$ -	\$ 4,900,200
City Telephone System Replacement	2,000,000	-	-	-	-	-	2,000,000
Total For Category	\$ 6,654,900	\$ 245,300	\$ -	\$ -	\$ -	\$ -	\$ 6,900,200
<u>Transit Projects</u>							
Biogas Fueling Stations	\$ -	\$ 700,000	\$ 310,000	\$ 200,000	\$ -	\$ -	\$ 1,210,000
Bus Wash Improvements	7,500	66,200	-	-	-	-	73,700
Fixed-Route Vehicle Replacements	4,461,000	625,000	-	-	-	-	5,086,000
Paratransit Dispatching System	41,800	44,900	-	-	-	-	86,700
Transit Maintenance Facility Paving	-	200,000	-	-	-	-	200,000
Transit Management System	-	425,000	80,000	80,000	80,000	80,000	745,000
Transit Vehicles	-	304,300	-	-	-	-	304,300
Total For Category	\$ 4,510,300	\$ 2,365,400	\$ 390,000	\$ 280,000	\$ 80,000	\$ 80,000	\$ 7,705,700

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY CATEGORY AND PROJECT

Category/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
<u>Waterworks District Projects</u>							
Knolls Zone Water Facilities	\$ 1,661,300	\$ 1,628,700	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000
New Well in Gillibrand Basin	-	120,000	1,100,000	-	-	-	1,220,000
Oak Knolls Pump Station Upgrade	-	390,000	-	-	-	-	390,000
Recycled Water Projects	4,719,800	5,000,000	9,124,100	2,792,600	4,200,000	1,000,000	26,836,500
Simi Valley Groundwater Basin	250,000	350,000	200,000	200,000	7,500,000	-	8,500,000
Small Tank Replacements	600,000	155,000	195,000	-	-	-	950,000
Tank Recoating and Repair Program	-	160,000	350,000	410,000	305,000	240,000	1,465,000
Walnut Avenue Pump Station	60,000	-	500,000	-	-	-	560,000
Water Line Relocation - Box Canyon	260,000	35,000	-	-	-	-	295,000
Water Line Replacement in LaGross Way	-	160,000	-	-	-	-	160,000
Water Main Replacement Program	100,000	1,100,000	2,000,000	2,000,000	2,000,000	2,000,000	9,200,000
Water Storage Mixing Systems	315,000	135,000	140,000	-	-	-	590,000
Waterworks SCADA System Upgrade	250,000	250,000	-	-	-	-	500,000
Well Rehabilitation	160,000	80,000	80,000	80,000	80,000	80,000	560,000
Total For Category	\$ 8,376,100	\$ 9,563,700	\$ 13,689,100	\$ 5,482,600	\$ 14,085,000	\$ 3,320,000	\$ 54,516,500
CITYWIDE TOTAL	\$ 42,949,000	\$ 29,685,600	\$ 34,618,300	\$ 23,330,600	\$ 36,313,000	\$ 15,123,000	\$ 182,019,500

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PLAN
SUMMARY BY CATEGORY
\$182,019,500**



**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
General Fund (100)							
Annual Major Street Rehabilitation Program	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000
Annual Minor Street Overlay Program	-	50,000	1,230,000	1,230,000	1,230,000	1,230,000	4,970,000
Barnard St. Bridge Rehabilitation	-	-	39,000	-	-	-	39,000
Bicycle and Pedestrian Facilities	-	-	60,000	60,000	60,000	60,000	240,000
City Hall Renovations	125,000	-	-	-	-	-	125,000
Dewatering Wells Rehabilitation	170,000	-	120,000	120,000	120,000	120,000	650,000
Financial Information System Replacement	198,500	-	-	-	-	-	198,500
Highway Safety Improvement Program	29,000	50,000	50,000	50,000	50,000	50,000	279,000
Las Lajas Creek Bridge Widening	136,000	145,000	-	-	-	-	281,000
Los Angeles Avenue Bridge West of First Street	-	-	-	195,000	1,090,800	-	1,285,800
Storm Drain Improvements	-	-	200,000	200,000	200,000	200,000	800,000
Traffic Signal Synchronization	-	-	150,000	150,000	150,000	150,000	600,000
Traffic Signal Updates	-	-	180,000	190,000	200,000	210,000	780,000
West LA Widening (PSC - City Limits)	135,000	55,000	-	-	-	-	190,000
Total For Fund	\$ 793,500	\$ 300,000	\$ 3,029,000	\$ 3,195,000	\$ 4,100,800	\$ 3,020,000	\$ 14,438,300
Bicycle Lanes Fund (233)							
Bicycle and Pedestrian Facilities	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Total For Fund	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Bond Proceeds (646)							
Annual Major Street Rehabilitation Program	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000
Solar Panels Project	8,141,500	1,641,000	-	-	-	-	9,782,500
Total For Fund	\$ 8,141,500	\$ 3,541,000	\$ -	\$ -	\$ -	\$ -	\$ 11,682,500

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Building Improvement Fund (655)							
City Facility Security Upgrades	\$ -	\$ 813,000	\$ -	\$ -	\$ -	\$ -	\$ 813,000
City Hall Renovations	1,554,500	345,000	-	-	-	-	1,899,500
Cultural Arts Center Repairs	60,000	155,000	70,000	75,000	40,000	40,000	440,000
Development Services Building	849,700	15,000	-	-	-	-	864,700
Senior Center Repairs and Upgrades	60,000	200,000	193,000	500,000	40,000	10,000	1,003,000
Total For Fund	\$ 2,524,200	\$ 1,528,000	\$ 263,000	\$ 575,000	\$ 80,000	\$ 50,000	\$ 5,020,200
Community Development Block Grant (290)							
Annual Minor Street Overlay Program	ONGOING	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000
Total For Fund	ONGOING	\$ 300,000	\$ 1,500,000				
Computer Equipment Replacement Fund (656)							
Financial Information System Replacement	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Total For Fund	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Contributions and Loans							
Landscape Beautification Projects	\$ 400,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 800,000
Police Training Facility	225,100	75,000	75,000	75,000	75,000	75,000	600,100
Recycled Water Projects	1,982,800	5,000,000	9,124,100	2,792,600	4,200,000	1,000,000	24,099,500
Walnut Avenue Pump Station	-	-	125,000	-	-	-	125,000
Total For Fund	\$ 2,607,900	\$ 5,155,000	\$ 9,404,100	\$ 2,947,600	\$ 4,355,000	\$ 1,155,000	\$ 25,624,600

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM**

FISCAL YEARS 2017-18 TO 2021-22

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year					Total	
	Prior Years	2017-18	2018-19	2019-20	2020-21		2021-22
County/State/Federal Funds (various)							
Annual Major Streets Rehab Program	\$ -	\$ 2,095,000	\$ -	\$ -	\$ -	\$ -	\$ 2,095,000
Barnard St. Bridge Rehabilitation	-	-	291,000	-	-	-	291,000
BioGas Fueling Station	-	700,000	310,000	200,000	-	-	1,210,000
Bus Wash Improvements	7,500	66,200	-	-	-	-	73,700
Fixed-Route Vehicle Replacements	4,461,000	625,000	-	-	-	-	5,086,000
Highway Safety Improvement Program	268,000	-	-	-	-	-	268,000
Las Lajas Creek Bridge Widening	950,000	-	-	-	-	-	950,000
Los Angeles Avenue Bridge Replacement	-	-	-	1,505,000	8,419,200	-	9,924,200
Madera Rd Bridge Rehab south of 118	-	-	372,000	-	-	-	372,000
Paratransit Dispatching System	41,800	44,900	-	-	-	-	86,700
Transit Maintenance Facility Paving	-	200,000	-	-	-	-	200,000
Transit Management System	-	425,000	80,000	80,000	80,000	80,000	745,000
Transit Vehicle Replacement	-	304,300	-	-	-	-	304,300
West LA Ave. Wdng (PSC - City Limits)	3,677,300	-	-	-	-	-	3,677,300
Total For Fund	\$ 9,405,600	\$ 4,460,400	\$ 1,053,000	\$ 1,785,000	\$ 8,499,200	\$ 80,000	\$ 25,283,200
Development Agreement Fund (262)							
Annual Minor Street Overlay Program	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
City Telephone System	300,000	-	-	-	-	-	300,000
Financial Information System Replacement	2,549,300	-	-	-	-	-	2,549,300
Police Training Facility	1,686,600	-	-	-	-	-	1,686,600
Total For Fund	\$ 4,535,900	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 4,735,900

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Forfeited Assets Fund (280)							
Police Training Facility	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Total For Fund	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
GIS Capital Fund							
Financial Information System Replacement	\$ 1,588,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,588,100
Total For Fund	\$ 1,588,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,588,100
Library Fund (250)							
Library Collections	\$ -	\$ 225,200	\$ 225,200	\$ 228,000	\$ 228,000	\$ 228,000	\$ 1,134,400
Library Furnishings & Equipment	-	32,000	45,000	45,000	45,000	45,000	212,000
Library Repairs and Upgrades	250,000	578,000	500,000	250,000	250,000	750,000	2,578,000
Total For Fund	\$ 250,000	\$ 835,200	\$ 770,200	\$ 523,000	\$ 523,000	\$ 1,023,000	\$ 3,924,400
Proceeds of Capital/Revenue Financing							
City Telephone System	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
Simi Valley Groundwater Basin	-	-	-	-	7,500,000	-	7,500,000
Total For Fund	\$ 1,600,000	\$ -	\$ -	\$ -	\$ 7,500,000	\$ -	\$ 9,100,000
Public Education and Government (PEG) Funds (214)							
City Hall Lobby Improvements	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Community Room & Broadcast Equipt. Upgrade	450,000	1,050,000	-	-	-	-	1,500,000
Council Chamber PEG Facility Improvements	250,000	250,000	-	-	-	-	500,000
Cultural Arts Center Production Studio	-	-	150,000	200,000	250,000	-	600,000
Total For Fund	\$ 700,000	\$ 1,300,000	\$ 275,000	\$ 200,000	\$ 250,000	\$ -	\$ 2,725,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Sanitation Operating Fund (700)							
Annual Major Street Rehabilitation Program	\$ -	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 520,000
Annual Minor Street Overlay Program	-	60,000	60,000	60,000	60,000	60,000	300,000
City Facility Security Upgrades	-	67,000	-	-	-	-	67,000
City Telephone System	34,000	-	-	-	-	-	34,000
Financial Information System Replacement	85,500	53,800	-	-	-	-	139,300
Total For Fund	\$ 119,500	\$ 300,800	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 1,060,300
Sanitation Replacement Reserve Fund (702)							
10-12" Sewerline Rehabilitation	\$ 100,000	\$ -	\$ 970,000	\$ -	\$ -	\$ -	\$ 1,070,000
10-20" Sewerline Rehabilitation	-	-	-	100,000	1,950,000	-	2,050,000
10-27" Sewerline Rehabilitation	-	-	150,000	1,000,000	-	-	1,150,000
12-24" Sewerline Rehabilitation	-	-	-	-	25,000	1,225,000	1,250,000
14-36" Sewerline Rehabilitation	-	-	-	-	25,000	1,720,000	1,745,000
24-36" Sewerline Rehabilitation	30,000	950,000	-	-	-	-	980,000
Annual Sewerline Assessment	-	100,000	100,000	100,000	100,000	100,000	500,000
Arroyo Lift Station Rehabilitation	-	-	90,000	-	-	-	90,000
BNR Blowers Rebuild	-	-	-	-	-	1,500,000	1,500,000
BNR Mixer Replacement	-	-	550,000	-	-	-	550,000
BNR PLC and SCADA Upgrades	-	-	60,000	-	-	-	60,000
BNR West Recycle Pumps Replacement	-	-	-	260,000	-	-	260,000
Concrete Structural Study	195,000	280,000	-	-	-	-	475,000
Dewatering Equipment Replacement	375,000	2,550,000	-	-	-	-	2,925,000
Digesters Rehabilitation Project	660,000	-	3,550,000	-	-	-	4,210,000
Easy Street and Arroyo Simi Sewer Rehabilitation	-	-	-	-	510,000	-	510,000
Energy Savings Program	-	200,000	-	-	-	-	200,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Sanitation Replacement Reserve Fund (continued)							
FEB & Primary Sludge Pump Replacement	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ -	\$ 336,000
Filter Equipment Replacement	-	-	100,000	1,050,000	-	-	1,150,000
First/Fifth/Royal/Ventura Sewerline	-	-	50,000	-	2,480,000	-	2,530,000
Grit Classifier Equipment Upgrade	-	-	-	150,000	500,000	-	650,000
Grit Pumps Replacement	-	-	175,000	-	-	-	175,000
Headworks Building Upgrade	125,000	500,000	-	3,150,000	-	-	3,775,000
Justin Avenue Sewerline Rehabilitation	-	-	-	450,000	-	-	450,000
LA Ave (Erringer-Crater) Sewerline Rehabilitation	75,000	-	-	2,100,000	2,100,000	2,100,000	6,375,000
Laboratory Hoods Replacement	-	-	-	-	100,000	-	100,000
Plant Water System Pump Replacement	560,000	660,000	-	-	-	-	1,220,000
Public Works Warehouse	200,000	1,020,000	-	-	-	-	1,220,000
Rosalie Street and Tracy Ave. Sewerline Rehabilitation	-	-	-	650,000	-	-	650,000
Royal Avenue (Crosby-Fair) Sewerline Rehabilitation	50,000	-	1,780,000	-	-	-	1,830,000
Royal Ave. (Pride - Erringer) Sewerline Rehabilitation	-	200,000	2,790,000	-	-	-	2,990,000
Royal Avenue, Stow Sewerline Rehabilitation	-	-	-	550,000	-	-	550,000
Secondary Clarifier/RAS Pump Replacement	200,000	100,000	1,025,000	1,025,000	-	-	2,350,000
Strathearn Place-Arroyo Simi Sewerline Rehabilitation	50,000	-	2,480,000	-	-	-	2,530,000
Water Quality Control Plant Road Paving	150,000	150,000	150,000	150,000	150,000	150,000	900,000
Total For Fund	\$ 2,770,000	\$ 6,710,000	\$ 14,356,000	\$ 10,735,000	\$ 7,940,000	\$ 6,795,000	\$ 49,306,000
Traffic Impact Fees Fund (263)							
LA Ave Wdg(Church St-Tapo Cyn Drain)	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Madera Rd Bridge Rehab South of the 118	-	-	48,000	-	-	-	48,000
Tapo Street Road & Drainage Improvements	-	-	300,000	-	-	-	300,000
Total For Fund	\$ 220,000	\$ 40,000	\$ 348,000	\$ -	\$ -	\$ -	\$ 608,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

PROGRAM SUMMARY BY FUND AND PROJECT

Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Transit Fund (750)							
City Facility Security Upgrades	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000
City Telephone System Replacement	33,000		-	-	-	-	33,000
Financial Information System Replacement	40,200	36,200	-	-	-	-	76,400
Total For Fund	\$ 73,200	\$ 116,200	\$ -	\$ -	\$ -	\$ -	\$ 189,400
Waterworks Operating Fund (761)							
Annual Major Street Rehabilitation Program	\$ -	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 520,000
Annual Minor Street Overlay Program	-	60,000	60,000	60,000	60,000	60,000	300,000
City Telephone System Replacement	33,000		-	-	-	-	33,000
Financial Information System Replacement	93,300	55,300	-	-	-	-	148,600
Total For Fund	\$ 126,300	\$ 235,300	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 1,001,600
Waterworks Capital Fund (762)							
Knolls Zone Water Facilities	\$ 1,661,300	\$ 1,628,700	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000
New Well in Gillibrand Basin	-	120,000	1,100,000	-	-	-	1,220,000
Oak Knolls Pump Station Upgrade	-	390,000	-	-	-	-	390,000
Simi Valley Groundwater Basin	250,000	350,000	200,000	200,000	-	-	1,000,000
Walnut Avenue Pump Station	60,000	-	375,000	-	-	-	435,000
Water Storage Mixing Systems	315,000	135,000	140,000	-	-	-	590,000
Total For Fund	\$ 2,286,300	\$ 2,623,700	\$ 1,815,000	\$ 200,000	\$ -	\$ -	\$ 6,925,000

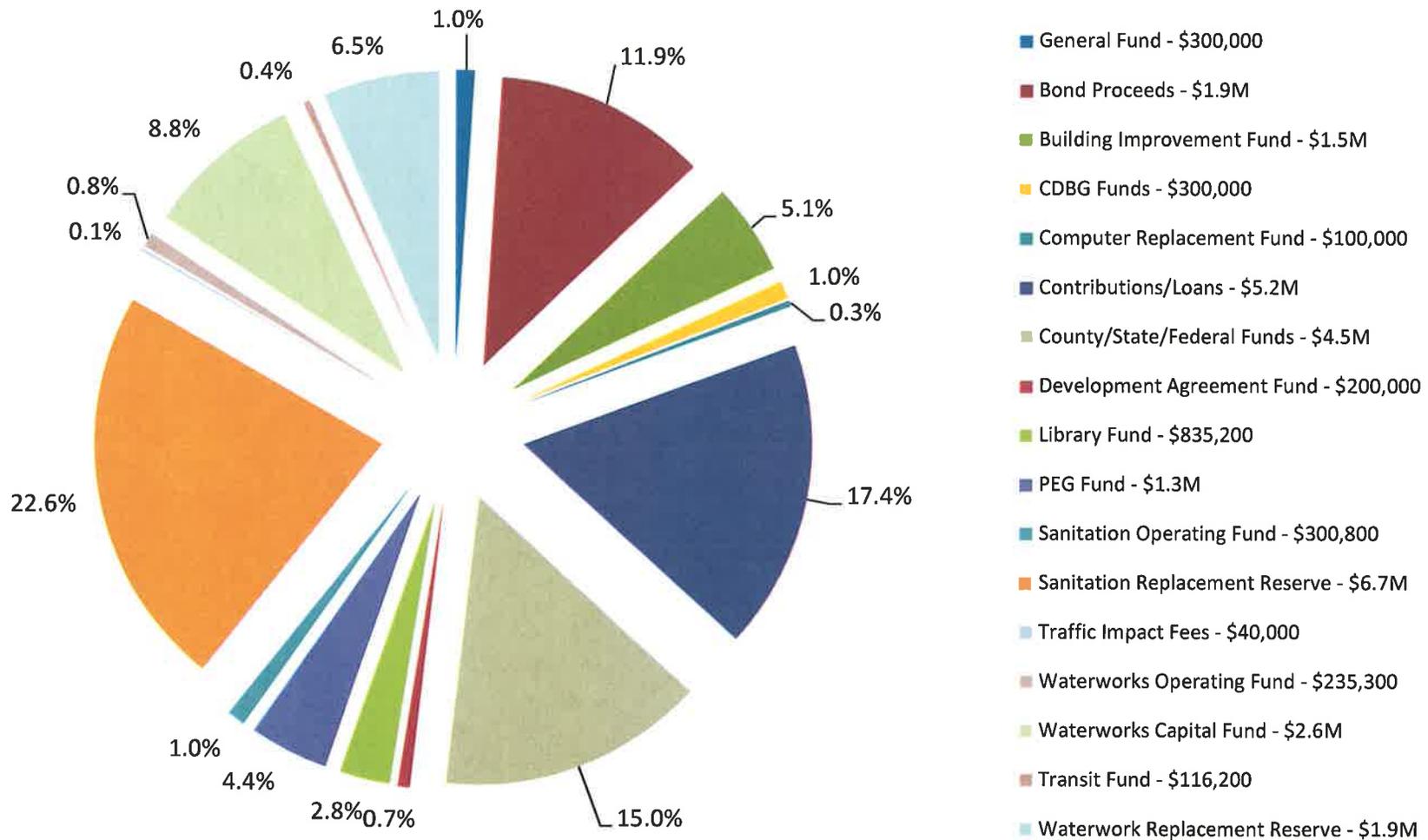
CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

PROGRAM SUMMARY BY FUND AND PROJECT

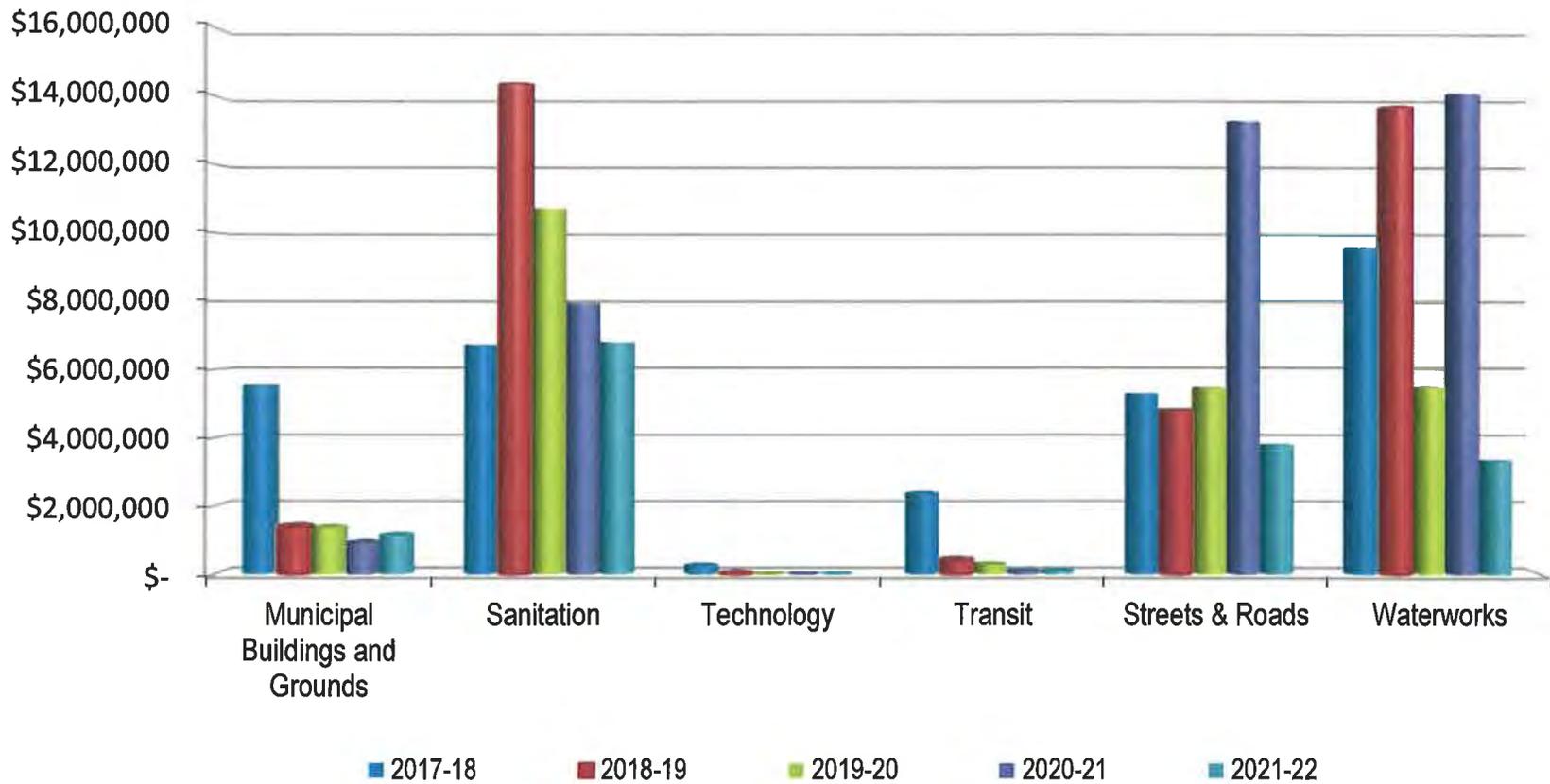
Fund/Fund Number/Project	Fiscal Year						Total
	Prior Years	2017-18	2018-19	2019-20	2020-21	2021-22	
Waterworks Replacement Reserve Fund (763)							
Recycled Water Projects	\$ 2,737,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,737,000
Small Tanks Replacement	600,000	155,000	195,000	-	-	-	950,000
Tank Recoating and Repair	-	160,000	350,000	410,000	305,000	240,000	1,465,000
Water Line Relocation - Box Canyon	260,000	35,000	-	-	-	-	295,000
Water Line Replacement in La Gross Way	-	160,000	-	-	-	-	160,000
Water Main Replacement Program	100,000	1,100,000	2,000,000	2,000,000	2,000,000	2,000,000	9,200,000
Waterworks SCADA System Upgrade	250,000	250,000	-	-	-	-	500,000
Well Rehabilitation Program	160,000	80,000	80,000	80,000	80,000	80,000	560,000
Total For Fund	\$ 4,107,000	\$ 1,940,000	\$ 2,625,000	\$ 2,490,000	\$ 2,385,000	\$ 2,320,000	\$ 15,867,000
 CITYWIDE TOTAL	 \$ 42,949,000	 \$ 29,685,600	 \$ 34,618,300	 \$ 23,330,600	 \$ 36,313,000	 \$ 15,123,000	 \$ 182,019,500

Any difference between revenues and expenditures will be paid through existing fund balances and prior authorized budget amounts.

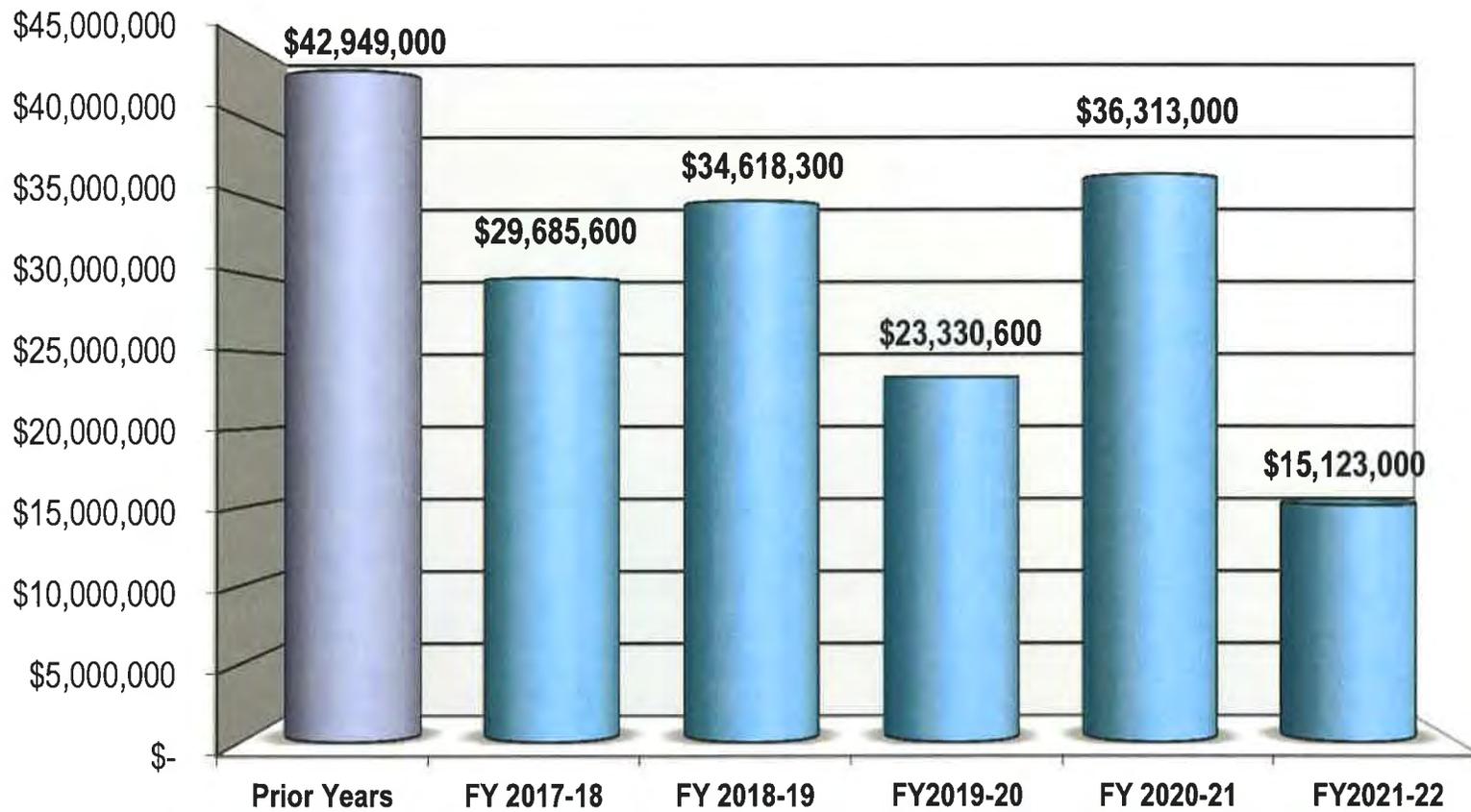
FY17-18 Capital Improvement Program Funding Sources



FIVE YEAR CAPITAL PLAN BY CATEGORY AND YEAR FY 2017-18 to FY 2021-22



FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY BY FISCAL YEAR



OPERATING COST IMPACT

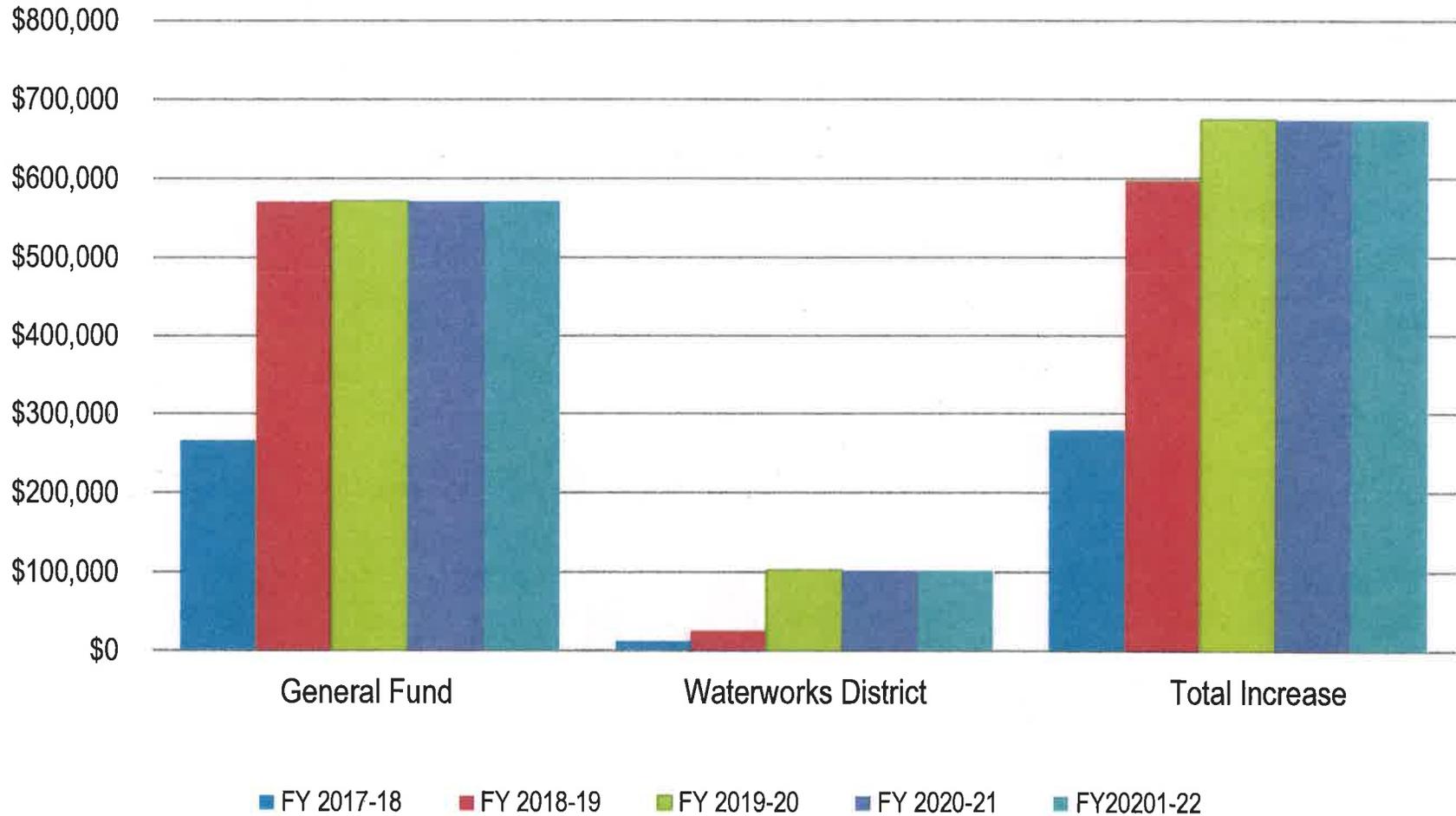
**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEARS 2017-18 TO 2021-22
PROJECTED CUMULATIVE OPERATING INCREASES BY FUND AND PROJECT**

It is important when planning for new capital projects that any related increases in ongoing operational costs are considered. The table below shows operating cost increases associated with capital projects planned for Fiscal Years 2017-18 through 2021-22. Increases are noted for the General Fund for operation of new and expanded facilities and to support an investment in information technology improvements. Operating costs for technology projects are offset by reduction in maintenance contracts for current systems. Sizeable increases are shown for the Waterworks Fund due to implementation of an expanded recycled water distribution program which, while increasing costs, will also be offset by a decrease in irrigation costs and revenue from sales to other entities.

Fund/Project	Fiscal Year				
	2017-18	2018-19	2019-20	2020-21	2021-22
General Fund					
City Telephone System Replacement	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Development Services Building Improvements	-	5,000	5,000	5,000	5,000
Financial Information System Replacement	256,900	256,900	256,900	256,900	256,900
Police Training Facility	10,000	10,000	10,000	10,000	10,000
Total General Fund	\$ 266,900	\$ 571,900	\$ 571,900	\$ 571,900	\$ 571,900
Waterworks Operating Fund					
Knolls Zone Water Facilities	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
Oak Knolls Pump Station Upgrade	-	10,000	10,000	10,000	10,000
Recycled Water Projects	-	4,000	70,000	70,000	70,000
Walnut Avenue Pump Station	-	-	10,000	10,000	10,000
Water Storage Mixing Systems	6,500	6,500	6,500	6,500	6,500
Total Waterworks Fund	\$ 13,000	\$ 27,000	\$ 103,000	\$ 103,000	\$ 103,000
CITYWIDE TOTAL	\$ 279,900	\$ 598,900	\$ 674,900	\$ 674,900	\$ 674,900

PROJECTED INCREASE IN OPERATING EXPENSES RELATED TO CAPITAL PROJECTS



MUNICIPAL BUILDINGS AND GROUNDS

MUNICIPAL BUILDINGS AND GROUNDS

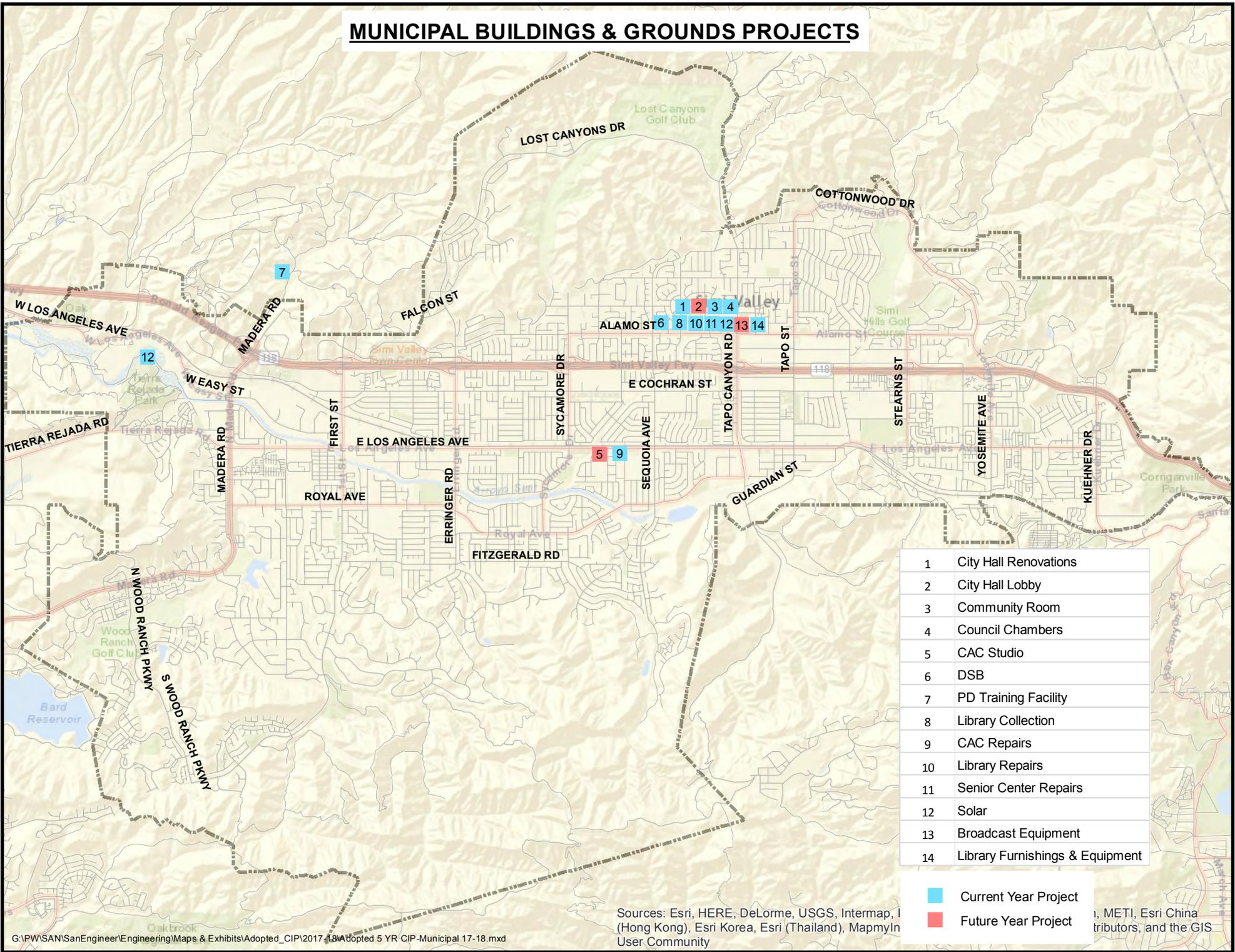
The City is making a concerted effort to reinvest in the maintenance and upkeep of its facilities. The Municipal Building and Grounds category contains projects for expansion, major renovation, and new construction of City-owned structures and equipment. Also included are capital projects for land development and site improvements. These projects are financed from a variety of sources including General Fund monies, Public, Educational, and Government (PEG) funds, Development Agreement funds, grants, and debt. The PEG fund balance is derived from 1% gross receipts from cable operations in Simi Valley and is restricted to capital expenditures for the City's PEG channel.

This category contains 15 proposed projects at a projected cost of \$25,010,800. Projects funded in FY 2017-18 in the amount of \$5,526,200 include final construction of the Police Department training facility and shooting range, security improvements to multiple City facilities, finalization of solar panels and other energy improvements, repairs and upgrades at the Senior Center, Cultural Arts Center, and Library facilities, and improvements to broadcasting communications and equipment in the City Council chambers.

Project budgets are developed in-house based on square feet of buildings, size of landscaped areas, and vendor quotes.



MUNICIPAL BUILDINGS & GROUNDS PROJECTS



Sources: Esri, HERE, DeLorme, USGS, Intermap, I (Hong Kong), Esri Korea, Esri (Thailand), MapmyIn User Community

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	City Facility Security Upgrades	Operating Costs:	
Project No:	CP6550004	First Year:	\$0
Lead Department:	City Administration	Subsequent Years:	\$0
Project Manager:	Brian Gabler	Sources of Funds:	Building Improvement Fund

Project Description: This project will provide security enhancements at several City facilities, including City Hall, the Police Department, Senior Center, and Sanitation and Water plants. The upgrades will include video security and employee keycard entry, among other things.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Professional Services	\$ -	\$ 60,000		\$ -	\$ -	\$ -	\$ 60,000
Equipment		900,000					900,000
Total	\$ -	\$ 960,000	\$ -	\$ -	\$ -	\$ -	\$ 960,000

SOURCES OF FUNDING:							
Building Improvement Fund	\$ -	\$ 813,000	\$ -	\$ -	\$ -	\$ -	\$ 813,000
Transfer from Sanitation Fund		67,000					67,000
Transit Fund		80,000					80,000
Total	\$ -	\$ 960,000	\$ -	\$ -	\$ -	\$ -	\$ 960,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	City Hall Lobby Improvements	Operating Costs:	
Project No:	CP21400002	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Garry Boswell/Anna Medina	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. The integration of the City Hall lobby and Council Chambers foyer with the PEG broadcast system will increase the capacity of the Council Chambers for high-interest public meetings. This will also enhance communication with the public during business hours by providing direct access to the PEG channel at City Hall.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Construction	-	-	100,000	-	-	-	100,000
Total	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Total	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	City Hall Renovations	Operating Costs:	
Project No:	CP65500003	First Year:	\$0
Lead Department:	City Administration	Subsequent Years:	\$0
Project Manager:	Brian Gabler	Source of Funds:	Building Improvement Fund

Project Description: Renovations to City Hall are forecast, including the replacement of carpeting (more than 20 years old), painting maintenance, Police Department entrance improvements, and security enhancements.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design/Architectural	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Construction	340,800	345,000	-	-	-	-	685,800
Contingency	-	-	-	-	-	-	-
Furnishings (Capital)	1,589,500	-	-	-	-	-	1,589,500
Total	\$ 2,010,300	\$ 345,000	\$ -	\$ -	\$ -	\$ -	\$ 2,355,300

SOURCES OF FUNDING:

General Fund	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
Transfer from Sanitation	-	-	-	-	-	-	-
Transfer from Transit	-	-	-	-	-	-	-
Transfer from Waterworks	-	-	-	-	-	-	-
Building Improvement Fund	1,554,500	345,000	-	-	-	-	1,899,500
Total	\$ 1,679,500	\$ 345,000	\$ -	\$ -	\$ -	\$ -	\$ 2,024,500

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Community Room Broadcast Upgrade	Operating Costs:	
Project No:	CP21400003	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Garry Boswell/Anna Medina	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. Currently, the City Hall Community Room is used for a number of Board and Commission meetings that are not currently able to broadcast or record future broadcasts. The upgrade will include the installation of a drop down screen, dedicated computer and associated equipment for integration with a ceiling mounted projector, cameras, microphones, and media ports. The facility features will include walls and carpet upgrades to maximize visual impact of the broadcasts and to accommodate installation of new equipment. This will allow use of the Community Room facility to broadcast press conferences and committee meetings on the PEG channel.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Equipment	450,000	450,000	-	-	-	-	900,000
Construction	-	250,000	-	-	-	-	250,000
Total	\$ 450,000	\$ 1,050,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ 450,000	\$ 1,050,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Total	\$ 450,000	\$ 1,050,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Council Chamber PEG Facility Improvements	Operating Costs:	
Project No:	CP21400004	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Garry Boswell/Anna Medina	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. The Council Chambers, the primary broadcast location for the PEG channel, is in need of improvements to its electricity, air conditioning, and other facility improvements including, but not limited to, carpeting and interior wall modifications. These items impact the reliability and quality of the broadcasts and the useful life of the existing capital equipment.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	250,000	250,000	-	-	-	-	500,000
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	500,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	500,000
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	500,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Cultural Arts Center Repairs	Operating Costs:	
Project No:	CP65500001	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Public Works/Anna Medina	Sources of Funds:	Building Improvement Fund

Project Description: This project will: (1) replace the stage right steps and concession bar to be ADA compliant; (2) install an additional storage structure to reduce costs for replacing sets and props that are disposed after each show due to lack of storage; (3) motorize the chandeliers to allow easier replacement of light bulbs; (4) replace the monument sign with an LED sign; (5) restore the rose garden to replace failed plants and improve water efficiency; (6) upgrade overall landscaping to reduce water use; (7) repave the parking lot that is beginning to fail; (8) rewire electrical system; (9) paint the interior and exterior of the building; (10) replace multipurpose room flooring; (11) install new carpet throughout; and (12) purchase a back-up generator.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Capital Costs	\$ 60,000	\$ 155,000	\$ 70,000	\$ 75,000	\$ 40,000	\$ 40,000	\$ 440,000
Total	\$ 60,000	\$ 155,000	\$ 70,000	\$ 75,000	\$ 40,000	\$ 40,000	\$ 440,000

SOURCES OF FUNDING:							
Building Improvement Fund	\$ 60,000	\$ 155,000	\$ 70,000	\$ 75,000	\$ 40,000	\$ 40,000	\$ 440,000
Total	\$ 60,000	\$ 155,000	\$ 70,000	\$ 75,000	\$ 40,000	\$ 40,000	\$ 440,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Cultural Arts Center Production Studio	Operating Costs:	
Project No:	CP21400005	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Garry Boswell/Anna Medina	Sources of Funds:	PEG Fees

Project Description: The City's PEG funds are limited to funding capital needs of the City's PEG channel. The City's Cultural Arts Center (CAC) is a designated alternate location for the City's Emergency Operations Center. The project will allow for live broadcast abilities for emergency operations, provide for a studio to produce public service announcement videos for play on the PEG channel, and enhance the CAC's ability to promote its programs within the community.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Construction	\$ -	\$ -	\$ -	\$ 200,000	\$ 250,000	\$ -	\$ 450,000
Total	\$ -	\$ -	\$ 150,000	\$ 200,000	\$ 250,000	\$ -	\$ 600,000

SOURCES OF FUNDING:							
PEG Fund Balance	\$ -	\$ -	\$ 150,000	\$ 200,000	\$ 250,000	\$ -	\$ 600,000
Total	\$ -	\$ -	\$ 150,000	\$ 200,000	\$ 250,000	\$ -	\$ 600,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Development Services Building Improvements	Operating Costs:	
Project No:	CPB0020	First Year:	\$5,000
Lead Department:	City Manager's Office	Subsequent Years:	\$5,000
Project Manager:	Brian Gabler	Source of Funds:	Building Improvement Fund

Project Description: This project entails converting the City-owned Development Services Building (3855-A Alamo Street), previously the Under One Roof social services facility, into a storage facility for City records. This will include designing, engineering, and constructing improvements which will cover items such as ADA access requirements, constructing a dividing wall, and installing a storage system.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design/Architectural	\$ 49,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,700
Furnishings/Equipment	55,000	-	-	-	-	-	55,000
Construction	655,000	15,000	-	-	-	-	670,000
Contingency	90,000	-	-	-	-	-	90,000
Total	\$ 849,700	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 864,700

SOURCES OF FUNDING:							
Building Improvement Fund	\$ 849,700	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 864,700
Total	\$ 849,700	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 864,700

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Library Collections	Operating Costs:	
Project No:	CP2500002	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Jennifer Mellon	Sources of Funds:	Library Fund

Project Description: The Library collection, as a whole, is an asset as it consists of print and media materials that are available for public checkout. The Library Systems & Services contract library staff to assess the library collection on a regular basis as part of their contract with the City. Another duty is that the contract staff makes collection purchases that best suit the needs of the City's community.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Equipment & Materials	\$ -	\$ 225,200	\$ 225,200	\$ 228,000	\$ 228,000	\$ 228,000	\$ 1,134,400
Total	\$ -	\$ 225,200	\$ 225,200	\$ 228,000	\$ 228,000	\$ 228,000	\$ 1,134,400

SOURCES OF FUNDING:	\$849,700
Library Fund	\$ -
Total	\$ -

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Library Furnishings & Equipment
Project No: CP2500003
Lead Department: Community Services
Project Manager: Jennifer Mellon

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Sources of Funds: Library Fund

Project Description: The City will be replacing furniture at the Library in phases over the next five years. This will include exterior and interior chairs, tables, and other furnishings in the children, teen, and adult service areas. The replaced furniture will have wired functionality for Library patrons' use while in the facility.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Furnishings & Equipment	\$ -	\$ 32,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 212,000
Total	\$ -	\$ 32,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 212,000

SOURCES OF FUNDING:							
Library Fund	\$ -	\$ 32,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 212,000
Total	\$ -	\$ 32,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 212,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Police Training Facility	Operating Costs:	
Project No:	CPB0016	First Year:	\$10,000
Lead Department:	City Manager's Office	Subsequent Years:	\$10,000
Project Manager:	Brian Gabler	Source of Funds:	Contributions, General Fund, Development Agreements, and Forfeited Assets

Project Description: To design, engineer, and construct a facility which will include a practice range and other Police training equipment.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Professional Services	\$ 197,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 207,000
Furnishings & Equipment	-	160,000	-	-	-	-	160,000
Engineering	-	2,000	-	-	-	-	2,000
Contingency	-	129,100	-	-	-	-	129,100
Construction	2,470,000	318,600	-	-	-	-	2,788,600
Total	\$ 2,667,000	\$ 619,700	\$ -	\$ -	\$ -	\$ -	\$ 3,286,700

SOURCES OF FUNDING:

General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Development Agreement Fund	1,686,600	-	-	-	-	-	1,686,600
Forfeited Assets Fund	1,000,000	-	-	-	-	-	1,000,000
Contributions*	225,100	75,000	75,000	75,000	75,000	75,000	600,100
Total	\$ 2,911,700	\$ 75,000	\$ 3,286,700				

*Future annual contributions of \$75,000 will be transferred to the Development Agreement Fund until the advance is repaid.

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Repairs and Upgrades to the Library	Operating Costs:	
Project No:	CP2500001	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Jennifer Mellon	Sources of Funds:	Library Fund

Project Description: This project will use the remaining funds from the prior year and FY 2017-18. This project will: (1) replace the missing lighting in the honeycomb ceilings with energy efficient fixtures; (2) replace exterior wallmount light fixtures in the Rose Garden Patio with non-glare energy efficient fixtures; (3) add exterior lights to the parking lot; (4) add end caps to the book stacks to finish those units and provide additional display space; (5) make ADA improvements to the library main entry; (6) purchase a back-up power generator; and (7) complete some building renovations. In the fiscal years 2018-2022, the projects will include relandscaping three patio areas and continuing design and building improvements/renovations.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Capital Costs	\$ 250,000	\$ 578,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ 750,000	\$ 2,478,000
Design/Coordination	-	-	100,000	-	-	-	\$ 100,000
Total	\$ 250,000	\$ 578,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ 750,000	\$ 2,578,000

SOURCES OF FUNDING:							
Library Fund	\$ 250,000	\$ 578,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ 750,000	\$ 2,578,000
Total	\$ 250,000	\$ 578,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ 750,000	\$ 2,578,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Senior Center Repairs and Upgrades	Operating Costs:	
Project No:	CP65500002	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Chris Oberender/Mara Malch	Sources of Funds:	Building Improvement Fund

Project Description: This project will: (1) provide for the design and construction of the replacement patio cover; (2) facility painting and carpeting enhancements; (3) renovations of the north bathrooms to better accomodate the facility patrons' needs; and (4) upgrade the audio visual equipment in the Multi-Purpose Room and Room 107 to provide better functionality and increase rental opportunities.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Capital Costs	\$ 60,000	\$ 200,000	\$ 193,000	\$ 500,000	\$ 40,000	\$ 10,000	\$ 1,003,000
Total	\$ 60,000	\$ 200,000	\$ 193,000	\$ 500,000	\$ 40,000	\$ 10,000	\$ 1,003,000

SOURCES OF FUNDING:							
Building Improvement Fund	\$ 60,000	\$ 200,000	\$ 193,000	\$ 500,000	\$ 40,000	\$ 10,000	\$ 1,003,000
Total	\$ 60,000	\$ 200,000	\$ 193,000	\$ 500,000	\$ 40,000	\$ 10,000	\$ 1,003,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Solar Projects	Operating Costs:	
Project No:	CP66600001	First Year:	\$514,000
Lead Department:	City Manager's Office	Subsequent Years:	\$0
Project Manager:	Brian Gabler	Source of Funds:	Contributions, General Fund, Development Agreements, and Forfeited Assets

Project Description: To design, engineer, and install solar panels and other energy efficiency projects for City facilities.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Professional Services	\$ 9,652,500	\$ -	\$ -	\$ -	\$ -	\$ -	9,652,500
Other Contract Services	130,000	-	-	-	-	-	130,000
Total	\$ 9,782,500	\$ -	9,782,500				

SOURCES OF FUNDING:							
Bond Proceeds	\$ 8,141,500	\$ 1,641,000	\$ -	\$ -	\$ -	\$ -	9,782,500
Total	\$ 8,141,500	\$ 1,641,000	\$ -	\$ -	\$ -	\$ -	9,782,500

SANITATION

SANITATION

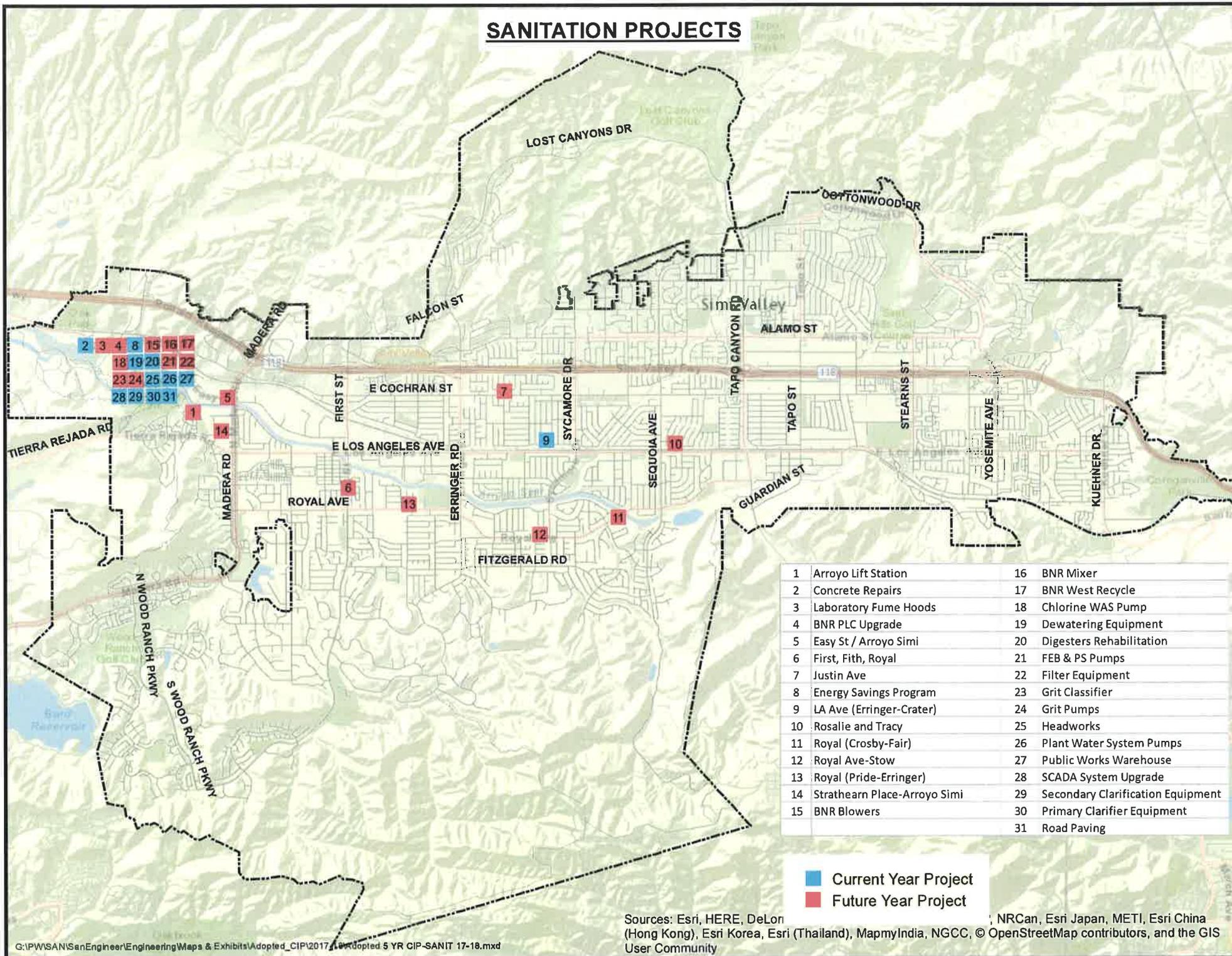
Sanitation projects include facilities replacement projects, to maintain and rehabilitate, and capital projects, to improve; the sewer collection and conveyance system, and the wastewater treatment facilities (the Water Quality Control Plant or “WQCP”). Facilities replacement projects are financed from operating revenues. Capital projects are funded from capital improvement charges generated by new development in the City or, if those funds are insufficient, from operating revenues.

The proposed Sanitation Capital Improvement Program (CIP) includes 35 projects at a projected cost of \$49,306,000. Funding of \$6,710,000 has been included in the FY 2017-18 budget for 11 of these projects. All 35 projects are maintenance and/or rehabilitation projects, proposed to be funded from the Replacement Fund, 17 projects are sewer projects and 18 are WQCP projects. The proposed projects are generally the highest priorities identified in the respective asset management plans: the Sewer Collection System Asset Evaluation and Rehabilitation Plan for sewer projects, and the Sanitation Asset Reliability Assessment and Financial Plan for the WQCP projects. These planned projects are further scrutinized to verify their current condition and determine best means to maintain the facility.

As major elements of the WQCP, in particular, become ready to replace or rehabilitate, the current plan is to initiate a Preliminary Design. A broad view of the component function, placement and integration with the WQCP is reviewed and alternative rehabilitation/replacement concepts are drafted to determine the most effective means of rehabilitation. The ultimate cost to build, operate, maintain, and the presumed lifespan of the rehabilitation work is assessed to determine the most cost-effective solution. This proposed CIP includes Preliminary Design on major WQCP components that need rehabilitation work.



SANITATION PROJECTS



**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	10" to 12" Sewerlines Rehabilitation	Operating Costs:	
Project No.:	CP970381	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 2,500 feet of 10 to 12-inch asbestos cement pipe sewer trunk line on Galena Avenue, Sorrel Street, Vera Court, Dalhart Avenue, and Tapo Canyon Road, one segment near Avenida Simi, and another segment near Cochran Street. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed for completion by August 2017 and construction is proposed to be completed by January 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	100,000
Construction	-	-	870,000	-	-	-	870,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ 100,000	\$ -	\$ 970,000	\$ -	\$ -	\$ -	1,070,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 100,000	\$ -	\$ 970,000	\$ -	\$ -	\$ -	1,070,000
Total	\$ 100,000	\$ -	\$ 970,000	\$ -	\$ -	\$ -	1,070,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	10" to 20" Sewerlines Rehabilitation	Operating Costs:	
Project No.:	CP70200001	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 7,700 feet of 10 to 20-inch asbestos cement sewer trunk line in Elizondo Avenue, Erringer Road, Heywood Street, Royal Avenue, and Ysrella Avenue. The primary rehabilitation mode will be cured-in-place slip liner. This project may span up to two years with an estimated cost of \$2,050,000. The design is proposed to be completed by May 2020 and construction is proposed to be completed by March 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000
Construction	-	-	-	-	1,950,000	-	1,950,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,950,000	\$ -	\$ 2,050,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,950,000	\$ -	\$ 2,050,000
Total	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,950,000	\$ -	\$ 2,050,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	10" to 27" Sewerlines Rehabilitation	Operating Costs:	
Project No.:	CP70200002	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 3,600 feet of 10 to 27-inch asbestos cement sewer trunk line in First Street between Dennis Avenue and Royal Avenue, in an easement north of Strathearn Place, on Buyers Street, on East Los Angeles Avenue between Tapo Street and Ralston Avenue, on Marlin Drive, on Tapo Street, on Fourth Street, on Bryson Avenue, in an easement south of Warfield Circle, on Suntree Lane, and in an easement north of Ysrella Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by October 2018 and construction is proposed to be completed by January 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Construction	-	-	-	1,000,000	-	-	1,000,000
Total	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ 1,150,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ 1,150,000
Total	\$ -	\$ -	\$ 150,000	\$ 1,000,000	\$ -	\$ -	\$ 1,150,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	12" to 24" Sewerline Rehab	Operating Costs:	
Project No.:	CP70200003	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 2,503 feet of 12 to 24-inch asbestos cement sewer trunk line in East Los Angeles Avenue and easements running between Tracy Avenue to Bolivar Court and easement under Railroad to Los Angeles Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed in March 2021 and construction is proposed to be completed in December 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
Construction	-	-	-	-	-	1,225,000	1,225,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,225,000	\$ 1,250,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,225,000	\$ 1,250,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,225,000	\$ 1,250,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	14" to 36" Sewerline Rehab	Operating Costs:	
Project No.:	CP70200004	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 2,985 feet of 14 to 36-inch asbestos cement sewer trunk line in Patricia Avenue, Heywood Street, Sycamore Drive, and East Easy Street. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed in May 2021 and construction is proposed to be completed in January 2022.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
Construction	-	-	-	-	-	1,720,000	1,720,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,720,000	\$ 1,745,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,720,000	\$ 1,745,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 1,720,000	\$ 1,745,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	24" to 36" Sewerlines Rehabilitation	Operating Costs:	
Project No.:	CP970462	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 1,300 feet of 24 to 36-inch asbestos cement sewer trunk line in Easy Street, Fifth Street, and Ventura Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by January 2017 and construction is proposed to be completed by November 2017.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	30,000
Construction	-	850,000	-	-	-	-	850,000
Construction Services	-	100,000	-	-	-	-	100,000
Total	\$ 30,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	980,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 30,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	980,000
Total	\$ 30,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	980,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Annual Sewerline Assessment	Operating Costs:	
Project No.:	CP70200005	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to video-inspect and evaluate one-fifth of the City's larger sewer trunk lines each fiscal year. The approved Sanitation Asset Reliability Assessment and Financial Plan recommended inspecting and reviewing sewerlines every five years in order to evaluate replacement priorities. The original sewer system was installed in the early 1960s and has been in service for more than 50 years. While the majority of the camera inspection and evaluation work is proposed to be done with City staff, the larger sewer trunk lines require specialized equipment and skills that are more cost-effective to accomplish by contract.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ -	\$ 100,000	\$ 500,000				

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Total	\$ -	\$ 100,000	\$ 500,000				

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Arroyo Lift Station Rehabilitation	Operating Costs:	
Project No.:	CP70200006	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the existing lift station pumps and controls installed in 1995. The pump station has an expected useful life of 15 years. This pump station serves 51 single family homes and 219 mobile homes, and is located near the Arroyo Simi approximately 2,000 feet west of Madera Road. This station must operate in order for these homes to use reliable sewer services. The design is proposed to be completed in November 2018 and construction is proposed to be completed in July 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
Total	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
Total	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	BNR Blowers Replacement and/or Overhaul	Operating Costs:	
Project No.:	CP70200012	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace or overhaul the existing WQCP's blowers for the West Basin BNR and the East Basin BNR that have been in operation since 2004. Six multi-stage centrifugal blowers were installed in 2004 and two single-stage blowers were installed in 2008. Rebuilding the equipment is recommended by the Asset Management Plan to ensure system reliability because the equipment is essential to the treatment process and operates constantly. During the design process, staff will investigate whether it may be more cost effective to replace the multi-stage blowers with a more energy efficient technology. The single-stage blowers will be overhauled by the manufacturer per their recommendations. The design is proposed to be completed by August 2021 and construction is proposed to be completed by May 2022.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
Total	\$ -	\$ 1,500,000	\$ 1,500,000				

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	BNR Mixer Replacement	Operating Costs:	
Project No.:	CP7020007	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's West Basin BNR mixers that were installed in 2004 and the East Basin BNR mixers that were installed in 2008. Each of the 21 mixers has been rebuilt at least twice and will need replacement because of its extended use. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life of seven years with numerous rebuilds. In addition, the BNR process needs additional mixers to be installed at the end of each process train to prevent the accumulation of solids at the end of each tank. A consultant studied the problem and recommends to add mechanical mixers or expand the aeration to provide the required mixing. The design is proposed to be completed by October 2017 and construction is proposed to be completed by September 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	50,000	\$ -	\$ -	\$ -	50,000
Construction	-	-	500,000	-	-	-	500,000
Total	\$ -	\$ -	550,000	\$ -	\$ -	\$ -	550,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	550,000	\$ -	\$ -	\$ -	550,000
Total	\$ -	\$ -	550,000	\$ -	\$ -	\$ -	550,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	BNR PLC and SCADA Upgrades	Operating Costs:	
Project No.:	CP70200013	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to upgrade and reprogram the two programmable logic controllers (PLCs) that control the biological nutrient removal (BNR) process at the Water Quality Control Plant. Both PLCs are integral to the treatment process and require upgrading to meet the current industry standard. The PLC that controls the West Basins were installed in 2003 and the PLC that controls the East Basins were installed in 2005. Upgrading the PLCs will ensure process reliability and increase process control, which will lead to improved operator efficiency and electrical cost reduction. In addition, the SCADA system will need to be modified to incorporate the changes to the PLCs, which will also improve the ability for the operators to monitor and analyze the treatment process. The design is proposed for completion by October 2019 and construction is proposed to be completed by March 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Materials	-	-	10,000	-	-	-	10,000
Total	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
Total	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	BNR West Recycle Pumps Replacement	Operating Costs:	
Project No.:	CP70200014	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the existing WQCP's BNR recycle pumps that were installed in 2004, and will have been in service for approximately 16 years. Each of the four pumps has been rebuilt at least once and will need replacement because of its extended use. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life of seven years with numerous rebuilds. The design is proposed to be completed by June 2019 and construction is proposed to be completed by March 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ 260,000
Total	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ 260,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ 260,000
Total	\$ -	\$ -	\$ -	\$ 260,000	\$ -	\$ -	\$ 260,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Concrete Structural Study/Repairs	Operating Costs:	
Project No.:	CP975240	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to evaluate the concrete structures and repair deficiencies with the three existing WQCP's Primary Sedimentation Basins and the three existing East BNR basins. These basins have been in service for 30 years. Temporary repairs were recently performed on the East BNR concrete walkways and a structural support structure in Primary Sedimentation No. 2 recently failed. A structural evaluation of both structures is necessary to identify areas to be repaired to reduce the risk of catastrophic failure. The evaluation was completed in January 2017, which identified four structurals that require repair. The design will be performed by staff and completed by June 2017 and construction proposed to be completed by January 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -	65,000
Construction	120,000	280,000	-	-	-	-	400,000
Construction Services	10,000	-	-	-	-	-	10,000
Total	\$ 195,000	\$ 280,000	\$ -	\$ -	\$ -	\$ -	475,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 195,000	\$ 280,000	\$ -	\$ -	\$ -	\$ -	475,000
Total	\$ 195,000	\$ 280,000	\$ -	\$ -	\$ -	\$ -	475,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Dewatering Equipment Replacement	Operating Costs:	
Project No.:	CP970480	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's three existing belt filter presses and associated sludge conveyors. The equipment is 30 years old. The filter presses need a major overhaul to remain operational and the sludge conveyors are showing signs of metal fatigue. Replacing the belt filter presses and sludge conveyors with upgraded equipment is expected to reduce labor and electricity demand. Preliminary design work started in FY 2015-16 and a report evaluating technology alternatives and cost effectiveness was completed in October 2016. The preliminary design study identified that ancillary processes such as the sludge delivery, filtrate return, and biosolids conveyance also needed to be upgraded to work with the new equipment, which will increase the total project cost. The design is currently underway to be completed by June 2017 and construction is proposed to be completed by August 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ -	375,000
Construction	-	2,500,000	-	-	-	-	2,500,000
Construction Services	-	50,000	-	-	-	-	50,000
Total	\$ 375,000	\$ 2,550,000	\$ -	\$ -	\$ -	\$ -	2,925,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 375,000	\$ 2,550,000	\$ -	\$ -	\$ -	\$ -	2,925,000
Total	\$ 375,000	\$ 2,550,000	\$ -	\$ -	\$ -	\$ -	2,925,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Digesters Rehabilitation Project	Operating Costs:	
Project No.:	CP970481	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rebuild the WQCP's Anaerobic Digesters that are nearly 30 years old. Seismic upgrades, mechanical upgrades, and structural rehabilitation were recommended in the Asset Management Plan. In addition, the equipment and technology are out of date and parts are very expensive and hard to find. Preliminary design work started in FY 2015-16 and a report evaluating technology alternatives and cost effectiveness was completed in November 2016. The preliminary design study identified that ancillary processes such as the sludge delivery, sludge heating, electrical controls, and boiler system should also be upgraded to reduce electrical and maintenance costs and improve reliability. The design is expected to begin in May 2017 and completed by August 2018. The construction for the project is proposed to be completed by August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 660,000	\$ -	\$ -	\$ -	\$ -	\$ -	660,000
Construction	-	-	3,500,000	-	-	-	3,500,000
Construction Services	-	-	50,000	-	-	-	50,000
Total	\$ 660,000	\$ -	\$ 3,550,000	\$ -	\$ -	\$ -	4,210,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 660,000	\$ -	\$ 3,550,000	\$ -	\$ -	\$ -	4,210,000
Total	\$ 660,000	\$ -	\$ 3,550,000	\$ -	\$ -	\$ -	4,210,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Easy Street and Arroyo Simi Sewer Rehabilitation	Operating Costs:	
Project No.:	CP70200019	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 1,400 feet of 12 to 20-inch asbestos cement sewer trunk line in Easy Street and in easements along the Arroyo Simi. The primary rehabilitation mode will be cured-in-place slip liner. The design is planned to be completed in December 2020 and construction is scheduled to be completed in November 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	\$ -	40,000	\$ -	40,000
Construction	-	-	-	-	430,000	-	430,000
Construction Services	-	-	-	-	40,000	-	40,000
Total	\$ -	\$ -	\$ -	\$ -	510,000	\$ -	510,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	510,000	\$ -	510,000
Total	\$ -	\$ -	\$ -	\$ -	510,000	\$ -	510,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title: Energy Savings Program
Project No.: CP70200008
Lead Department: Public Works
Project Manager: Michael Kang

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: San. Replacement Reserve

Project Description: The project will select and partner with an Energy Services Company (ESCO) to deliver energy-cost saving projects for the WQCP. This phase will prepare an industrial grade audit (IGA) to investigate opportunities within the context of energy services legislation California Government Code 4217. The program will enable the Sanitation Division to apply for grants specifically identified for energy savings projects and to reinvest liabilities (energy and maintenance costs and flared methane) using ESCO funding options to finance facility upgrade and maintenance projects and technology enhancements. The program would allow budgeted dollars to utilize the ESCO delivery method, which is design-build, with performance guarantees. The IGA is proposed to be completed by May 2018 and it is anticipated that the ESCO would work with consultants to identify improvements to CIP projects and potentially lead some of the projects listed in the 5-year CIP.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Construction	-	-	-	-	-	-	-
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	FEB and Primary Sludge Pump Replacement	Operating Costs:	
Project No.:	CP70100001	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace three existing WQCP flow equalization basin (FEB) pumps and two existing primary sludge pumps. All five pumps were installed in 1987 and are inefficient, expensive to maintain, and have served their useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and increase electrical efficiency. The design is proposed to be completed by November 2018 and installations are proposed to be completed by October 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
Construction	-	-	321,000	-	-	-	321,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ -	\$ 336,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ -	\$ 336,000
Total	\$ -	\$ -	\$ 336,000	\$ -	\$ -	\$ -	\$ 336,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Filter Equipment Replacement	Operating Costs:	
Project No.:	CP70100002	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the mechanical and instrumentation equipment in the tertiary filters including pumps, valves and actuators for the underdrain, backwash, waste backwash, outlet, backwash air blower systems, programmable logic controllers, and modify the associated SCADA programming. The outlet valves, backwash water pumps, and backwash air blowers were installed in 1978 and the underdrain pumps and waste backwash pumps were replaced in 2002. Replacement is recommended by the Asset Management Plan to ensure system reliability because the equipment has exceeded its expected useful life. The design is proposed to be completed in August 2019 and construction is proposed to be completed in August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 100,000	\$ 60,000	\$ -	\$ -	\$ 160,000
Construction	-	-	-	990,000	-	-	990,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 100,000	\$ 1,050,000	\$ -	\$ -	\$ 1,150,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 100,000	\$ 1,050,000	\$ -	\$ -	\$ 1,150,000
Total	\$ -	\$ -	\$ 100,000	\$ 1,050,000	\$ -	\$ -	\$ 1,150,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	First/Fifth/Royal/Ventura Sewerline	Operating Costs:	
Project No.:	CP70200015	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 3,800 feet of 10 to 24-inch asbestos cement sewer trunk line in First Street between Athens Street and Royal Avenue, Fifth Street between Los Angeles Avenue and Pacific Avenue, Royal Avenue between First Street and Pride Street, and Ventura Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed in March 2019 and construction is proposed to be completed in June 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Construction	-	-	-	-	2,380,000	-	2,380,000
Construction Services	-	-	-	-	100,000	-	100,000
Total	\$ -	\$ -	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ 2,530,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ 2,530,000
Total	\$ -	\$ -	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ 2,530,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Grit Classifier Equipment Upgrade	Operating Costs:	
Project No.:	CP70100003	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's Grit Classifiers and associated equipment. This equipment is nearly 20 years old and requires frequent maintenance. The Asset Management Plan recommends replacing this equipment and evaluating modern technology to improve the process. A preliminary design is proposed to be initiated in FY 2019-20 to explore alternative technologies and evaluate the cost effectiveness of the alternatives, with a design to follow. This concept-level construction cost estimate is \$500,000 however, this may be revised based upon the preliminary design recommendations.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	150,000	\$ -	\$ -	150,000
Construction	-	-	-	-	500,000	-	500,000
Construction Services	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	150,000	\$ 500,000	\$ -	650,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	150,000	\$ 500,000	\$ -	650,000
Total	\$ -	\$ -	\$ -	150,000	\$ 500,000	\$ -	650,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Grit Pumps Replacement	Operating Costs:	
Project No.:	CP70200009	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the WQCP's two existing grit pumps, which are 30 years old and have served beyond their expected useful life. Replacement is recommended by the Asset Management Plan to ensure process reliability, reduce maintenance costs, and improve electrical efficiency. The majority of the design will be completed by City staff however, consulting services may be needed for electrical design. The design is expected to be completed in November 2017 and construction completed in August 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Construction	-	-	150,000	-	-	-	150,000
Total	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000
Total	\$ -	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Headworks Building Upgrade	Operating Costs:	
Project No.:	CP970501	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace the Headworks Building and associated equipment. The equipment is 30 years old and requires frequent maintenance. The Asset Management Plan recommends seismic upgrades and ventilation system improvements to the building, and bar screens and washer/compactor replacements. A preliminary design work has been initiated to explore alternative technologies and evaluate the cost effectiveness of the alternatives, with a design to follow. The concept-level construction cost estimate is \$3,000,000, which is subject to revision based upon findings made during the preliminary design.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 125,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 625,000
Construction	-	-	-	3,000,000	-	-	3,000,000
Construction Services	-	-	-	150,000	-	-	150,000
Total	\$ 125,000	\$ 500,000	\$ -	\$ 3,150,000	\$ -	\$ -	\$ 3,775,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 125,000	\$ 500,000	\$ -	\$ 3,150,000	\$ -	\$ -	\$ 3,775,000
Total	\$ 125,000	\$ 500,000	\$ -	\$ 3,150,000	\$ -	\$ -	\$ 3,775,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Justin Avenue Sewerline Rehabilitation	Operating Costs:	
Project No.:	CP70200016	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 3,000 feet of 10-inch asbestos cement sewer trunk line in Justin Avenue and in Birchfield Street. The primary rehabilitation mode will be cured-in-place slip liner.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	10,000	\$ -	\$ -	10,000
Construction	-	-	-	430,000	-	-	430,000
Construction Services	-	-	-	10,000	-	-	10,000
Total	\$ -	\$ -	\$ -	450,000	\$ -	\$ -	450,000

SOURCES OF FUNDING:								
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	450,000	\$ -	\$ -	450,000
Total	\$ -	\$ -	\$ -	\$ -	450,000	\$ -	\$ -	450,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-2022**

Project Title:	Laboratory Hoods Replacement	Operating Costs:	
Project No.:	CP70100004	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace four fume hoods in the WQCP's Laboratory. The fume hoods have been in service for more than 30 years. Replacement is recommended because of the age and to provide a safe area for distillation while running a variety of Laboratory analyses. The replacement construction will be completed in FY 2020-21.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
San. Replacement Reserve	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	LA Ave. (Erringer-Crater) Sewerline Rehab.	Operating Costs:	
Project No.:	CP970503	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 5,700 feet of 33-inch asbestos cement sewer trunk line in Los Angeles Avenue between Erringer Road and Crater Street, and 500 feet of asbestos cement sewer trunk line in Patricia Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is expected to be completed by May 2018 and construction is proposed to be completed in three phases by December 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	75,000
Construction	-	-	-	2,000,000	2,000,000	2,000,000	6,000,000
Construction Services	-	-	-	100,000	100,000	100,000	300,000
Total	\$ 75,000	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	6,375,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 75,000	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	6,375,000
Total	\$ 75,000	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	6,375,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Plant Water System Pump Replacement	Operating Costs:	
Project No.:	CP970505	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to replace six existing recycled water pumps within the WQCP. Three pumps were installed in 1973 and three more were installed in 1985. All of the pumps require frequent maintenance and do not operate efficiently. The project would replace the pumps with a better size and more energy efficient pumps. A preliminary design was completed in September 2016 to determine the size, location, and configuration of the replacement pumps. The recommended plan is to relocate the pump station next to the recycled water distribution system pump station (by Waterworks). The project design is expected to be completed in July 2017 and construction is expected to be completed by May 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -	195,000
Construction	340,000	660,000	-	-	-	-	1,000,000
Construction Services	25,000	-	-	-	-	-	25,000
Total	\$ 560,000	\$ 660,000	\$ -	\$ -	\$ -	\$ -	1,220,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 560,000	\$ 660,000	\$ -	\$ -	\$ -	\$ -	1,220,000
Total	\$ 560,000	\$ 660,000	\$ -	\$ -	\$ -	\$ -	1,220,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Public Works Warehouse	Operating Costs:	
Project No.:	CP975200	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to build a Warehouse within the WQCP. Currently, 23 decentralized storage locations are used in areas throughout the WQCP. A centralized warehouse would provide a single receiving area, proper storage, inventory controls, and security. The current inadequate storage resulted to material losses, multiple parts ordering, inventory damage, and inefficient inventory auditing. Due to the nature of replacement parts and the need to have them ready for continuous operation, some replacement parts must be stored for extended periods. A preliminary design study was completed to determine the need, funding equity, location, and configuration of a warehouse. The estimated cost for construction is approximately \$1,000,000. The architectural design is proposed to be completed by September 2017 and construction is proposed to be completed by December 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	200,000
Construction	-	1,000,000	-	-	-	-	1,000,000
Construction Services	-	20,000	-	-	-	-	20,000
Total	\$ 200,000	\$ 1,020,000	\$ -	\$ -	\$ -	\$ -	1,220,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 200,000	\$ 1,020,000	\$ -	\$ -	\$ -	\$ -	1,220,000
Total	\$ 200,000	\$ 1,020,000	\$ -	\$ -	\$ -	\$ -	1,220,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Rosalie St. and Tracy Ave. Sewerline Rehab.	Operating Costs:	
Project No.:	CP70200017	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 3,000 feet of 10 to 20-inch asbestos cement sewer trunk line in Rosalie Street, Tracy Avenue and in easements south of Los Angeles Avenue, between Sequoia Avenue and Tapo Street. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by January 2020 and construction is proposed to be completed by August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	10,000	\$ -	\$ -	10,000
Construction	-	-	-	610,000	-	-	610,000
Construction Services	-	-	-	30,000	-	-	30,000
Total	\$ -	\$ -	\$ -	650,000	\$ -	\$ -	650,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	650,000	\$ -	\$ -	650,000
Total	\$ -	\$ -	\$ -	650,000	\$ -	\$ -	650,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Royal Avenue (Crosby-Fair) Sewerline Rehab.	Operating Costs:	
Project No.:	CP970442	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 3,240 feet of 20-inch asbestos cement sewer trunk line in Royal Avenue between Crosby Avenue and Fair Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by March 2018 and construction is proposed to be completed by February 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	50,000
Construction	-	-	1,680,000	-	-	-	1,680,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000
Total	\$ 50,000	\$ -	\$ 1,780,000	\$ -	\$ -	\$ -	1,830,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Royal Ave (Pride to Erringer) Sewerline Rehab.	Operating Costs:	
Project No.:	CP70200010	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jay Lukiewski	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 4,200 feet of 24-inch asbestos cement sewer trunk line in Royal Avenue between Pride Street and Erringer Road. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by May 2018 and construction is proposed to be completed by June 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	200,000
Construction	-	-	2,740,000	-	-	-	2,740,000
Construction Services	-	-	50,000	-	-	-	50,000
Total	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ -	2,990,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ -	2,990,000
Total	\$ -	\$ 200,000	\$ 2,790,000	\$ -	\$ -	\$ -	2,990,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Royal Avenue, Stow Sewerline Rehabilitation	Operating Costs:	
Project No.:	CP70200018	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 2,200 feet of 10 to 20-inch asbestos cement sewer trunk line in Royal Avenue, Stow Street, Katherine Road, Los Angeles Avenue, and Dalhart Avenue. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by March 2019 and construction is proposed to be completed by August 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ -	\$ -	10,000	\$ -	\$ -	10,000
Construction	-	-	-	520,000	-	-	520,000
Construction Services	-	-	-	20,000	-	-	20,000
Total	\$ -	\$ -	\$ -	550,000	\$ -	\$ -	550,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ -	\$ -	\$ -	550,000	\$ -	\$ -	550,000
Total	\$ -	\$ -	\$ -	550,000	\$ -	\$ -	550,000

CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22

Project Title:	Secondary Clarifier/RAS Pump Replacement	Operating Costs:	
Project No.:	CP970502	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rebuild/replace the mechanical systems for the four existing WQCP secondary clarifiers, which range from 30 to 45 years old. Replacement is recommended by the Asset Management Plan to ensure system reliability. The sludge collector mechanisms and fiberglass weirs will be replaced, metal structures will be recoated, and the collector drive components will be rebuilt. The RAS pump system will also need to be redesigned to improve sludge removal and distribution to the BNR process. This project may span up to four years with an estimated cost of \$2,350,000. A preliminary design is proposed to be initiated in FY 2016-17 to explore alternative collector arrangements and RAS pumping options, and then evaluate the cost effectiveness of the alternatives, with a design to follow. The concept-level construction cost estimate is \$2,000,000 however, this may be revised based upon the preliminary design recommendations.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 200,000	\$ 100,000	-	-	-	-	300,000
Construction	-	-	1,000,000	1,000,000	-	-	2,000,000
Construction Services	-	-	25,000	25,000	-	-	50,000
Total	\$ 200,000	\$ 100,000	\$ 1,025,000	\$ 1,025,000	\$ -	\$ -	2,350,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 200,000	\$ 100,000	\$ 1,025,000	\$ 1,025,000	\$ -	\$ -	2,350,000
Total	\$ 200,000	\$ 100,000	\$ 1,025,000	\$ 1,025,000	\$ -	\$ -	2,350,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Strathearn Place - Arroyo Simi Sewerline Rehab	Operating Costs:	
Project No.:	CP70200011	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to rehabilitate 5,500 feet of 27 to 33-inch asbestos cement sewer trunk line in Strathearn Place and easements north of Strathearn Place and along the Arroyo Simi flood channel. The primary rehabilitation mode will be cured-in-place slip liner. The design is proposed to be completed by April 2017 and construction is proposed to be completed by January 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	50,000
Construction	-	-	2,380,000	-	-	-	2,380,000
Construction Services	-	-	100,000	-	-	-	100,000
Total	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000
Total	\$ 50,000	\$ -	\$ 2,480,000	\$ -	\$ -	\$ -	2,530,000

**CITY OF SIMI VALLEY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-2022**

Project Title:	WQCP Road Paving	Operating Costs:	
Project No.:	CP975241	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michelle Elorde	Source of Funds:	San. Replacement Reserve

Project Description: This project proposes to reconstruct roads within the WQCP that have been in service for more than 30 years. Reconstruction is recommended because the roadways base structures have failed. The project is proposed to be constructed in five phases with design of the first phase proposed to be completed by November 2016 and project fully constructed by May 2022.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 900,000
Total	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 900,000

SOURCES OF FUNDING:							
San. Replacement Reserve	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 900,000
Total	\$ 150,000	\$ 900,000					

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CITY OF SIMI VALLEY

TECHNOLOGY

TECHNOLOGY

The Technology category contains two major projects to improve communications and information systems in the City. The projects are financed from a variety of City funds.

The Information Systems Replacement project includes upgrading the City's 14 year old financial system and 15 year old permitting system. Updating technology and replacing manual processes is of critical importance to the City with the aging workforce and anticipated employee changeover in coming years. This category contains two proposed projects at an estimated five-year cost of \$6,900,200. FY 2015-16 funding was authorized for a phased upgrade of the Citywide Enterprise Resource Plan (ERP) systems. In January 2016 the two former technology funds (FIS & GIS) were consolidated into the Information Systems Fund to simplify accounting and project tracking. Project cost estimates were established in a consultant study that evaluated of the City's technology systems, contained recommendations for the upgrading or replacement of certain systems, and contained expected prices to implement the new or improved systems.

The Telephone Replacement project will replace the City's 21 year-old telephone system. Voicemail is no longer supported by the manufacturer as of June 30, 2016, and the telephone system hardware will no longer be supported as of June 2018. City staff is working with a consultant to convert to a Voice over Internet Protocol (VoIP) system. Installation of new cabling in City facilities is already underway. The process will take two years until full implementation in FY 2017-18.



**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Financial Information System Replacement	Operating Costs:	
Project No.	CPB0018	First Year:	\$256,900
Lead Department:	Administrative Services	Subsequent Years:	\$256,900
Project Manager:	Garry Boswell	Source of Funds:	Multiple

Project Description: In December 2015, the City entered into an agreement with Tyler Technologies for a new Enterprise Resource Planning System for governmental accounting, budgeting, human resource applications, permitting, planning, and financial management. Implementation has commenced; however, this is a large project with multiple phases. The anticipated completion date is FY 2020.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Training	\$ 56,900	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ 86,900
Professional/Special Services	782,800	667,800	661,700	-	-	-	2,112,300
Application Software	953,300	182,400	100,000	168,400	32,000	-	1,436,100
Outside Assistance	87,200	245,000	-	-	-	-	332,200
Data Conversion	23,800	40,000	140,000	-	-	-	203,800
System Hardware	98,300	70,000	170,000	-	-	-	338,300
Backfill	52,600	83,200	-	-	-	-	135,800
Contingency	-	161,400	134,400	-	-	-	295,800
Total	\$ 2,054,900	\$ 1,464,800	\$ 1,221,100	\$ 168,400	\$ 32,000	\$ -	\$ 4,941,200

SOURCE OF FUNDING							
Dev't Agreement Fund	\$ 2,549,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,549,300
General Fund	198,500	-	-	-	-	-	198,500
Transit	40,200	36,200	-	-	-	-	76,400
Sanitation Operating Fund	85,500	53,800	-	-	-	-	139,300
Waterworks Operating Fund	93,300	55,300	-	-	-	-	148,600
GIS Capital Fund	1,588,100	-	-	-	-	-	1,588,100
CERF	100,000	100,000	-	-	-	-	200,000
Total	\$ 4,654,900	\$ 245,300	\$ -	\$ -	\$ -	\$ -	\$ 4,900,200

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	City Telephone System Replacement	Operating Costs:	
Project No.:	CPB0022	First Year:	\$300,000
Lead Department:	Administrative Services	Subsequent Years:	\$300,000
Project Manager:	Connie Henes-Baird	Source of Funds:	Building Fund/Dev't Agreement

Project Description: The City's Nortel telephone system was installed in 1995 and is currently operating on the latest and final software release. The City's present telephone system will no longer be supported after June 1, 2018, and the voice mail system will no longer be supported after June 30, 2016. The new system installed today have many additional features and utilize a newer architecture of Voice over Internet Protocol (VoIP). This system architecture provides for enhanced reliability, improved back-up capabilities, mobile communication features, web-based user interface, enhanced in-house support, unified network resources, and is less costly to support. The City's current system is comprised of four networked telephone switches, back-up power at each of the four sites, approximately 600 telephones City-wide, a centralized voice mail system, call accounting, and call management software. Outside maintenance services are required from a licensed and authorized vendor to support the system.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Professional/Special Services	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
System Hardware	1,000,000	-	-	-	-	-	1,000,000
Total	\$ 2,000,000	\$ -	\$ 2,000,000				

SOURCE OF FUNDING							
Proceeds of Capital Financing	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
Dev't Agreement Fund	300,000	-	-	-	-	-	300,000
Sanitation Operating Fund	34,000	-	-	-	-	-	34,000
Transit Fund	33,000	-	-	-	-	-	33,000
Waterworks Operating Fund	33,000	-	-	-	-	-	33,000
Total	\$ 2,000,000	\$ -	\$ 2,000,000				

TRANSIT

TRANSIT

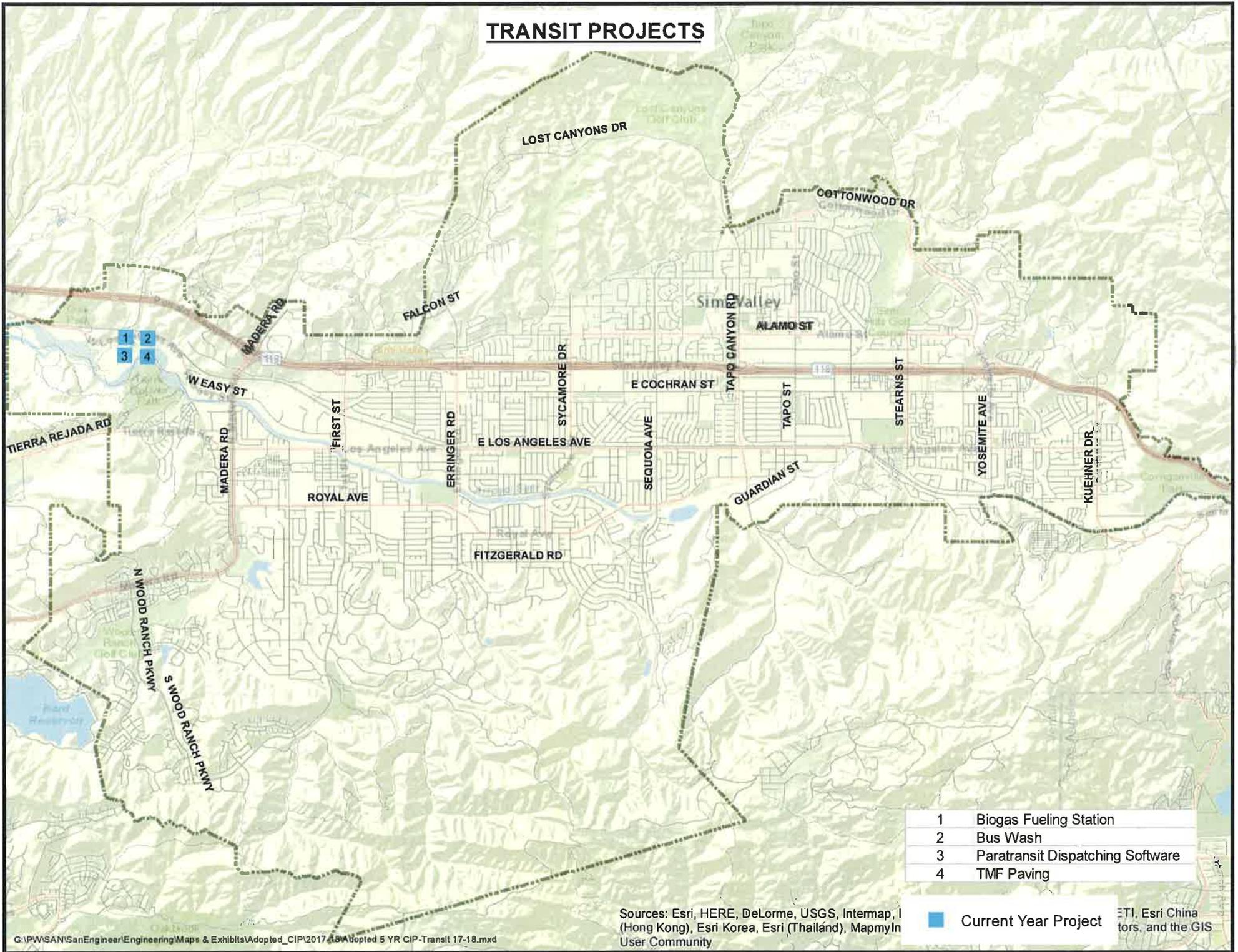
The Transit category contains seven projects at a projected total cost over five years of \$7,705,700, all of which is funded through various State and Federal grants and revenue sources. *There is zero General Fund contribution for these projects.*

All seven projects are funded in FY 2017-18 at a cost of \$2,365,400 including \$625,000 in funding for the replacement of a fixed-route bus that is expected to reach the end of its useful service life and is due to be replaced, \$44,900 for paratransit dispatching software, \$66,200 for improvements to the bus wash facility, \$200,000 for repaving at the Transit Maintenance Facility, \$425,000 for purchase a new Transit Management System application to enhance data collection and analysis, \$700,000 toward design and construction of a biogas facility in conjunction with the City's sanitation plant, and funding for relief vehicles.

Transit vehicle cost estimates for fixed-route buses are established based on previous vehicle purchases and a specified level of funding that is authorized by the Federal Transit Administration prior to a budget being established.



TRANSIT PROJECTS



1	Biogas Fueling Station
2	Bus Wash
3	Paratransit Dispatching Software
4	TMF Paving

■ Current Year Project

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tors, and the GIS

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Biogas Fueling Station
Project No. CP960400
Lead Department: Community Services
Project Manager: Sommer Barwick

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Sources of Funds: County/State/Fed Funds

Project Description: This project will construct a biogas fueling station to utilize methane produced by the City's Wastewater Treatment Plant for fueling of both City and non-City CNG vehicles. In doing so, the City would turn a renewable and free energy source into a revenue stream for future years. The project is pending the award of additional funds and will be using TDA funds as the local match to fund the project.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Design	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Construction	-	-	310,000	200,000	-	-	510,000
Total	\$ -	\$ 700,000	\$ 310,000	\$ 200,000	\$ -	\$ -	\$ 1,210,000

SOURCES OF FUNDING:							
TDA Article 4	\$ -	\$ 700,000	\$ 310,000	\$ 200,000	\$ -	\$ -	\$ 1,210,000
Total	\$ -	\$ 700,000	\$ 310,000	\$ 200,000	\$ -	\$ -	\$ 1,210,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Bus Wash Improvements
Project No. CP960480
Lead Department: Community Services
Project Manager: Jennifer Mellon

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Sources of Funds: County/State/Fed Funds

Project Description: This project will refurbish the Bus Wash making necessary improvements including the addition of a roof in order to prevent the weather degradation of the brushes and other interior components.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Other Contract Services	\$ 7,500	\$ 66,200	\$ -	\$ -	\$ -	\$ -	73,700
Total	\$ 7,500	\$ 66,200	\$ -	\$ -	\$ -	\$ -	73,700

SOURCES OF FUNDING:							
TDA Article 4	\$ 7,500	\$ 66,200	\$ -	\$ -	\$ -	\$ -	73,700
Total	\$ 7,500	\$ 66,200	\$ -	\$ -	\$ -	\$ -	73,700

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Fixed-Route Vehicle Replacements	Operating Costs:	
Project No.:	CP960344	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Jennifer Mellon	Sources of Funds:	County/State/Fed Funds

Project Description: Replacing the Fixed-Route Vehicles ensures continued reliability of service, while reducing maintenance costs. As required by the Federal Transit Administration (FTA) Rolling Stock Service Life Policy, 40-foot transit buses must remain in service for a minimum service life of 12 years, or a minimum accumulation of 500,000 miles. The City's buses are currently 40-feet in length and powered by compressed natural gas. In complying with the FTA, some buses are slated for replacement, as it has exceeded the end of its useful life service, or reached the minimum accumulation of miles. This includes: (1) two North American Bus Industry (NABI) buses, purchased in 2005 with Federal funds; and (2) three New Flyer buses, purchased in 2011. One New Flyer bus is budgeted for FY 2017-18. However, the remaining two New Flyer buses are scheduled to be replaced in FY 2019-20, where its current funding is still undetermined.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Fixed-Route Bus Replacement	\$ 4,461,000	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 5,086,000
Total	\$ 4,461,000	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 5,086,000

SOURCES OF FUNDING:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
State Prop 1B - FY 2010-11 (3)	\$ 1,452,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,452,300
TDA Article 4 for State Prop 1B	108,400	325,000	-	-	-	-	433,400
CMAQ - FY 2011-12 (3)	1,460,700	-	-	-	-	-	1,460,700
Local Match/CMAQ FY 2011-12 - TDA Article 4	189,600	-	-	-	-	-	189,600
State Prop 1B/PTMISEA	1,250,000	300,000	-	-	-	-	1,550,000
TDA Article 4 for State Prop 1B/PTMISEA	-	-	-	-	-	-	-
CMAQ - FY 2014-15 (1)	-	-	-	-	-	-	-
Local Match/CMAQ FY14-15 - TDA Article 4	-	-	-	-	-	-	-
Total	\$ 4,461,000	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 5,086,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Paratransit Dispatching System
Project No. CP960380
Lead Department: Community Services
Project Manager: Mara Malch

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Sources of Funds: County/State/Fed Funds

Project Description: The paratransit system relies upon the use of a dispatching system that integrates with in-vehicle mobile data terminals and global positioning system to provide effective operations and management of the paratransit transportation system. The dispatching system requires the annual purchase of software licenses, which extends the useful life each year.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Paratransit Dispatch Software	\$ 41,800	\$ 44,900	\$ -	\$ -	\$ -	\$ -	\$ 86,700
Total	\$ 41,800	\$ 44,900	\$ -	\$ -	\$ -	\$ -	\$ 86,700

SOURCES OF FUNDING:							
TDA Article 4	\$ 8,400	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ 17,400
FTA 5307 FY 2017-18	33,400	35,900	-	-	-	-	69,300
Total	\$ 41,800	\$ 44,900	\$ -	\$ -	\$ -	\$ -	\$ 86,700

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Transit Maintenance Facility Paving
Project No. CP960423
Lead Department: Community Services
Project Manager: Jennifer Mellon

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Sources of Funds: County/State/Fed Funds

Project Description: Since its expansion in 2009, the Transit Maintenance Facility require regular improvements to ensure proper access, as well as preventing damage and disrepair to federally funded vehicles.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Other Contract Services	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

SOURCES OF FUNDING:							
TDA-Article 4	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Total	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Transit Management System	Operating Costs:	
Project No.	CP960471	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Sommer Barwick	Sources of Funds:	County/State/Fed Funds

Project Description: The Transit Division has been awarded CMAQ funds for a fully integrated Transit Management System (TMS), which will provide additional tools to allow Simi Valley Transit (SVT) to manage, analyze, and improve its system's performance. The TMS will enhance the ability to identify solutions to extend the life of revenue vehicles, increase cost savings, reduce its carbon footprint, increase access to public transportation, and grow ridership resulting in decreased vehicle trips within the community. The TMS modules include community outreach, vehicle maintenance, system analytics, paratransit/dial-a-ride dispatching, ridership statistics, real-time vehicle location and arrival/departure information, voice announcement, scheduling, and route configuration. The TMS will increase coordination between different modes of transportation services including fixed-route, demand response, rail, and bicycle, and strengthen SVT's management efficiencies. The improved access to information will strengthen vehicle safety and allow the system to effectively serve the community.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Computer Application	\$ -	\$ 425,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 745,000
Total	\$ -	\$ 425,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 745,000

SOURCES OF FUNDING:							
CMAQ	\$ -	\$ 292,100	\$ -	\$ -	\$ -	\$ -	\$ 292,100
FTA 5307	-	-	64,000	64,000	64,000	64,000	256,000
TDA Article 4	-	132,900	16,000	16,000	16,000	16,000	196,900
Total	\$ -	\$ 425,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 745,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Transit Vehicles	Operating Costs:	
Project No.:	CP75000005	First Year:	\$0
Lead Department:	Community Services	Subsequent Years:	\$0
Project Manager:	Jennifer Mellon	Sources of Funds:	County/State/Fed Funds

Project Description: Transit Vehicles will be purchased to meet ridership needs, and to support service delivery. The City's Transit strategic planning process will guide determination of vehicle types.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Vehicles	\$ -	\$ 304,300	\$ -	\$ -	\$ -	\$ -	\$ 304,300
Total	\$ -	\$ 304,300	\$ -	\$ -	\$ -	\$ -	\$ 304,300

SOURCES OF FUNDING:							
TDA Article 4	\$ -	\$ 304,300	\$ -	\$ -	\$ -	\$ -	\$ 304,300
Total	\$ -	\$ 304,300	\$ -	\$ -	\$ -	\$ -	\$ 304,300

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CITY OF SIMI VALLEY

STREETS AND ROADS

STREETS AND ROADS

This category proposes activities to expand and improve the City's transportation infrastructure. These projects are contained in the City's Streets and Roads Program and are financed from a variety of City funds and grants provided by Federal, State, and Ventura County agencies.

This category contains 16 projects at a total projected cost of \$38,580,300 over five years. Funding in the amount of \$5,275,000 is authorized in FY 2017-18 for seven annual programs to resurface local streets, plant and maintain a grove of aromatic trees on the eastside of the landfill, widen Las Lajas Bridge, Los Angeles Avenue, and West Los Angeles Avenue.

Street rehabilitation project priorities and cost estimates are developed based on physical inspection by staff engineers and current unit prices and quantities for the work to be accomplished. An inflationary factor based on historic information and industry standards is used for projects proposed in future years. Likewise, the cost of street widening and bridge improvements is calculated by staff based on unit prices and quantities, adjusted for inflation. As a cost savings measure, engineering firms under contract to the City for as-need work are used to develop cost estimates for projects that involve geotechnical, structural or mechanical systems rather than maintaining staff for these purposes.



**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Annual Major Street Rehabilitation Program	Operating Costs:	
Project No.:	CP60000005	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Various

Project Description: The proposed FY 2017-18 project may include various segments of First Street, Cochran Street, Erringer Road, Fitzgerald Road, Alamo Street, Madera Road, Tapo Canyon Road, Los Angeles Avenue, Stearns Street, Tapo Street, and Easy Street. These projects are approved for funding on July 1st of each fiscal year and scheduled for completion during the Summer of the following year.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ 290,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Construction	-	4,185,000	1,150,000	1,150,000	1,150,000	1,150,000	8,785,000
Total	ONGOING	\$ 4,235,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 9,035,000

SOURCES OF FUNDING:							
Bond Proceeds	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000
General Fund	290,000	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
County/State/Fed Funds	-	2,095,000	-	-	-	-	2,095,000
Sanitation Oper. Fund	-	120,000	100,000	100,000	100,000	100,000	520,000
Waterworks Oper. Fund	-	120,000	100,000	100,000	100,000	100,000	520,000
Total	ONGOING	\$ 4,235,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 9,035,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Annual Minor Street Overlay Program	Operating Costs:	
Project No.:	CP60000009	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Various

Project Description: This annual program resurfaces residential streets throughout the City. For FY 2017-18, resurfacing and roadway maintenance activities will be conducted throughout the residential areas based on the pavement conditions identified on the City's Pavement Management System.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ -	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 230,000
Construction	-	640,000	1,600,000	1,600,000	1,600,000	1,600,000	7,040,000
Total	ONGOING	\$ 670,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 7,270,000

SOURCES OF FUNDING:							
Development Agreement Funds	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
General Fund	-	50,000	1,230,000	1,230,000	1,230,000	1,230,000	4,970,000
CDBG Funds	-	300,000	300,000	300,000	300,000	300,000	1,500,000
Sanitation Oper. Fund	-	60,000	60,000	60,000	60,000	60,000	300,000
Waterworks Oper. Fund	-	60,000	60,000	60,000	60,000	60,000	300,000
Total	ONGOING	\$ 670,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 7,270,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Barnard Street Bridge Rehabilitation	Operating Costs:	
Project No.:	CP60000008	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds General Fund

Project Description: This project includes widening/rehabilitation of the existing bridge on Barnard Street, 0.5 miles west of Stearns Street. The design is scheduled to begin in the Summer of 2018. The construction is scheduled to begin in the Fall 2018 and completed by December 2018. The funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	20,000
Construction	-	-	310,000	-	-	-	310,000
Total	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	330,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 39,000	\$ -	\$ -	\$ -	39,000
County/State/Fed Funds	-	-	291,000	-	-	-	291,000
Total	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	330,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Bicycle and Pedestrian Facilities	Operating Costs:	
Project No.:	CP60000013	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Jim Brunner	Source of Funds:	Bicycle Lanes Fund

Project Description: This is an annual program to implement bicycle and pedestrian projects. This type of project is recommended in the Bicycle Master Plan to enhance conditions for bicyclists and pedestrians throughout the City. Such projects include the implementation and/or construction of off-street bicycle paths and related facilities, on-street bicycle lanes, on-street bicycle routes, sidewalks, accessible curb ramps, and local street widenings. Some of the project costs may be eligible for Federal, State or local grant funds.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000
Total	ONGOING	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 240,000
Air Quality Trust Funds	-	-	-	-	-	-	-
Bicycle Lanes Fund	-	-	60,000	60,000	60,000	60,000	240,000
Total	ONGOING	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Dewatering Wells Rehabilitation	Operating Costs:	
Project No.:	CP60000003	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Grover Townsend	Source of Funds:	General Fund

Project Description: To inspect, evaluate, and rehabilitate five dewatering wells and pump equipment. These wells are operated to control the rising groundwater table and artesian conditions that adversely affect certain localized neighborhoods in western areas of Simi Valley. The five wells vary in age from 23 to 26 years and require periodic maintenance due to the saline nature of the groundwater. This causes the well screens and pump bowls to need cleaning, repair, or replacement over time to maintain their operational efficiency and reliability. The loss of well pumping would result in nuisance groundwater occurring in the local neighborhood streets and properties. One well per year is proposed for rehabilitation over the next five years.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 40,000	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 120,000
Construction	130,000	-	100,000	100,000	100,000	100,000	530,000
Total	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000

SOURCES OF FUNDING:							
General Fund	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000
Total	\$ 170,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 650,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Highway Safety Improvement Program (HSIP)	Operating Costs:	
Project No.:	CP60000014	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Doug Lee	Source of Funds:	General Fund

Project Description: This program includes highway safety projects for various highway improvements. Currently, there is an ongoing project to inventory and upgrade traffic signs to comply with the Manual of Uniform Traffic Control Devices requirements.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ 297,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 547,000
Total	\$ 297,000	\$ 50,000	\$ 547,000				

SOURCES OF FUNDING:							
General Fund	\$ 29,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 279,000
County/State/Fed Funds	268,000	-	-	-	-	-	268,000
Total	\$ 297,000	\$ 50,000	\$ 547,000				

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Landscape Beautification Projects	Operating Costs:	
Project No.:	CP60000001	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Chris Oberender	Source of Funds:	Contributions

Project Description: The Memorandum of Understanding between Waste Management and the City regarding expansion of the Simi Valley Landfill provides that the City will receive \$80,000 per year for 12 years to be used for City beautification projects. This project includes the planting and maintaining of a grove of aromatic trees on the east side of the landfill.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Landscape Architect	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	50,000
Construction	350,000	80,000	80,000	80,000	80,000	80,000	750,000
Total	\$ 400,000	\$ 80,000	800,000				

SOURCES OF FUNDING:							
Contributions	\$ 400,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	800,000
Total	\$ 400,000	\$ 80,000	800,000				

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title: Las Lajas Creek Bridge Widening
Project No.: CP950263
Lead Department: Public Works
Project Manager: Kamran Panah

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: General Fund

Project Description: This project includes the widening of the Las Lajas Creek Bridge on Cochran Street, 0.4 miles east of Tapo Street. The bridge is being widened by 14 feet on the north side and 11 feet on the south side. The project also includes the relocation of existing utility lines adjacent to the bridge and modification to the existing Las Lajas Creek Bridge concrete transition improvements both upstream and downstream of the Las Lajas Creek. The design has been initiated and construction is scheduled to begin in the Summer of 2017 and completed by December of 2017. The funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Construction	886,000	145,000	-	-	-	-	1,031,000
Total	\$ 1,086,000	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ 1,231,000

SOURCES OF FUNDING:							
General Fund	\$ 136,000	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ 281,000
County/State/Fed Funds	950,000	-	-	-	-	-	950,000
Total	\$ 1,086,000	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ 1,231,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	LA Avenue Bridge West of First Street	Operating Costs:	
Project No.:	CP60000010	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds

Project Description: This project includes replacing existing bridge and reconstruction of the approaches on Los Angeles Avenue, 0.1 miles west of First Street. The design is scheduled to begin in September 2019. The construction is scheduled to begin in July of 2020 and completed by December 2020. The funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ -	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	\$ 1,700,000
Construction	-	-	-	-	9,510,000	-	9,510,000
Total	\$ -	\$ -	\$ -	\$ 1,700,000	\$ 9,510,000	\$ -	\$ 11,210,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ -	\$ 195,000	\$ 1,090,800	\$ -	\$ 1,285,800
County/State/Fed Funds	-	-	-	1,505,000	8,419,200	-	9,924,200
Total	\$ -	\$ -	\$ -	\$ 1,700,000	\$ 9,510,000	\$ -	\$ 11,210,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	LA Avenue Widening (Church St-Tapo Cyn Drain)	Operating Costs:	
Project No.:	CP950462	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Traffic Impact Fee Fund

Project Description: This project includes widening the north side of Los Angeles Avenue by six feet from approximately Church Street to the Tapo Canyon Drain. The funding is from the City Traffic Impact Fee Fund.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Construction	220,000	40,000	-	-	-	-	260,000
Total	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	260,000

SOURCES OF FUNDING:							
Traffic Impact Fee Fund	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	260,000
Total	\$ 220,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	260,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Madera Rd. Bridge Rehab South of the 118 Fwy	Operating Costs:	
Project No.:	CP60000011	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds Traffic Impact Fees

Project Description: This project includes repairing and overlaying the deck with PCC seal coat and construct Metal Beam Guardrail on northeast approach on Madera Road, 0.3 miles south of State Route 118. The design is scheduled to begin in September 2018. The construction is scheduled to begin in September 2019 and completed by March 2021. The funding is from the Caltrans Highway Bridge Replacement and Rehabilitation Program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
Construction	-	-	360,000	-	-	-	360,000
Total	\$ -	\$ -	\$ 420,000	\$ -	\$ -	\$ -	\$ 420,000

SOURCES OF FUNDING:							
Traffic Impact Fees	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ -	\$ 48,000
County/State/Fed Funds	-	-	372,000	-	-	-	372,000
Total	\$ -	\$ -	\$ 420,000	\$ -	\$ -	\$ -	\$ 420,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title: Storm Drain Improvements
Project No.: CP60000004
Lead Department: Public Works
Project Manager: Brent Siemer

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: General Fund

Project Description: This project will provide for ongoing drainage improvements at various locations throughout the City. Specific projects will be recommended as identified in the update to the Master Plan of Drainage completed in FY 2015-16.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
Total	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
Total	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	Tapo Street Road & Drainage Improvements	Operating Costs:	
Project No.:	CP60000012	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	Traffic Impact Fees

Project Description: This project includes the design and construction of street and drainage improvements along the west side of Tapo Street north of Walnut Street. The west side of Tapo Street between Alamo Street and Presidio Drive is fully improved except for one portion north of Walnut Street. This project will improve the last remaining unimproved section of roadway on Tapo Street. The construction is scheduled to begin in July 2019 and completed by October 2019.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

SOURCES OF FUNDING:							
Traffic Impact Fees	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Total	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title: Traffic Signal Synchronization
Project No.: CP60000016
Lead Department: Public Works
Project Manager: David Medina

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: General Fund

Project Description: This program provides for the synchronization of traffic signals on major streets in accordance with a Traffic Signal Synchronization Master Plan. These projects include the construction of interconnect facilities to link traffic signals into synchronized systems. Also included is the installation of a conduit and interconnect cable between the intersections, installation of phone lines and modem connections, upgrading traffic signal of hardware, software, and other appurtenances that are necessary. The synchronization projects are typically of higher cost, and it may take a number of years of accumulating the annual share to have sufficient funding to implement a project. The next planned project is a fiber optic interconnect system that will connect the City-owned signals on Erringer Road from Alamo Street to Cochran Street, Cochran Street from Erringer Road to First Street, and Madera Road from Cochran Street to Easy Street. This project will also result in a continuous fiber optic line from City Hall to the Public Services Center, resulting in savings as the City will no longer need to pay lease payments for this service.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000
Total	ONGOING	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000
Total	ONGOING	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title: Traffic Signal Upgrades
Project No.: CP60000017
Lead Department: Public Works
Project Manager: David Medina

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: General Fund

Project Description: This annual program provides for upgrades of signal equipment, including modernization of existing traffic signal controllers and cabinets, upgrading conduit and/or wiring, and other signal equipment or phasing upgrades at locations recommended by staff during the annual review of the Traffic Signal Construction Program in the Spring of each year. The City currently operates 121 traffic signals. It is anticipated that selected projects will be completed by the end of the fiscal year.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Construction	\$ -	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000
Total	ONGOING	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000

SOURCES OF FUNDING:							
General Fund	\$ -	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000
Total	ONGOING	\$ -	\$ 180,000	\$ 190,000	\$ 200,000	\$ 210,000	\$ 780,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO FY 2021-22**

Project Title:	West L.A. Ave Widening (PSC-City Limit)	Operating Costs:	
Project No.:	CP950345	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Kamran Panah	Source of Funds:	County/State/Fed Funds General Fund

Project Description: This project includes the widening of West Los Angeles Avenue from the City's Public Services Center to the Westerly City Limits in order to install on-street bicycle lanes, curb, gutter, and sidewalk and all appurtenant facilities.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Engineering	\$ 135,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -	190,000
Construction	3,677,300	-	-	-	-	-	3,677,300
Total	\$ 3,812,300	\$ 55,000	\$ -	\$ -	\$ -	\$ -	3,867,300

SOURCES OF FUNDING:							
General Fund	\$ 135,000	\$ 55,000	\$ -	\$ -	\$ -	\$ -	190,000
County/State/Fed Funds	3,677,300	-	-	-	-	-	3,677,300
Total	\$ 3,812,300	\$ 55,000	\$ -	\$ -	\$ -	\$ -	3,867,300

WATERWORKS DISTRICT NO. 8

WATERWORKS DISTRICT PROJECTS

Waterworks projects include facilities replacement projects, to maintain and rehabilitate, and capital projects, to improve, the water distribution and storage system that serves Waterworks District No. 8. Facilities replacement activities are financed from operating revenues. Capital projects are funded from capital improvement charges generated by new development in the City or, if those funds are insufficient, from operating revenues.

The Waterworks five-year Capital Improvement Program includes 14 projects at a 5-year projected cost of \$54,516,500, of which \$9,563,700, is proposed for FY 2017-18. The FY 2017-18 projects funded by the Replacement Reserve include interior recoating and repairing roofing structures of water tanks, replacement of Wells 31 and 32 tanks, a water line relocation in Box Canyon, a water line replacement at in La Gross Way, and approximately 6,000 feet of water main improvements and replacements that were recommended in the Water Facilities Assessment and Cost of Service Evaluation, rehabilitation of a well, and SCADA upgrades. The Replacement Reserve is also proposed to fund a recycled water distribution system expansion project that would expand recycled water service to a potential 70 customers. The West Simi Valley Water Recycling Project Phases 1 and 2 has been granted \$3 million from the California's Proposition 84 (Water Bond). Further grant opportunities are also being pursued. Staff has also applied for a State Revolving Fund loan for \$17.5 million to provide capital funding that could be repaid by recycled water sales revenues.

FY 2017-18 Capital Reserve projects include improvements to the Knoll's Zone tank and pump station, designing the Oak Knoll's Pump Station Upgrade, installing water storage mixings systems in selected tanks, Simi Valley Groundwater Basin planning studies towards groundwater production and treatment, and adding a production well in the Gillibrand Basin to provide greater groundwater supply reliability for the Tapo Canyon Water Treatment Plant.



**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Knolls Zone Water Facilities
Project No.: CP980320
Lead Department: Public Works
Project Manager: Mansour Moradi

Operating Costs:
First Year: \$6,500
Subsequent Years: \$6,500
Source of Funds: WW Capital Fund

Project Description: This project would design and construct a 1-million gallon water storage tank to increase fire storage to satisfy District standards and to provide water at a higher pressure to some higher elevation lots in the Knolls Pressure Zone. The tank will be located on property to be acquired in the Knolls Zone. The project also includes a pump station located at the Alta Vista Tank site and approximately 1,100 feet of 12-inch pipeline to supply water to the proposed tank. The construction is scheduled to be completed in FY 2017-18.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Land Acquisition	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000
Consultant Services	345,000	120,000	-	-	-	-	465,000
Construction	991,300	1,508,700	-	-	-	-	2,500,000
Total	\$ 1,661,300	\$ 1,628,700	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ 1,661,300	\$ 1,628,700	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000
Total	\$ 1,661,300	\$ 1,628,700	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: New Well in Gillibrand Basin
Project No.: CP76200002
Lead Department: Public Works
Project Manager: Michael Kang

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Capital Fund

Project Description: This project will design, construct, and equip a groundwater production well, similar in production capacity to Well 32, to serve as a supplemental well for Well 32. The new well will supply water to the Tapo Canyon Water Treatment Plant and provide nonpotable water supply to the Lost Canyons Golf Course. The current well configuration is at full demand at the peak demand period, with no redundancy available for a well outage. Well 32 is nearly 50 years old, is not reliable, and the column is badly corroded and in need of repair. Adding this well will increase production capability and reliability and provide redundancy for Well 32.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Construction	-	-	1,100,000	-	-	-	1,100,000
Total	\$ -	\$ 120,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,220,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ -	\$ 120,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,220,000
Total	\$ -	\$ 120,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,220,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Oak Knolls Pump Station Upgrade
Project No.: CP76200001
Lead Department: Public Works
Project Manager: Neil Barnsdale

Operating Costs:
First Year: \$10,000
Subsequent Years: \$10,000
Source of Funds: WW Capital Fund

Project Description: This project is proposed to upgrade the existing Oak Knolls Pump Station by replacing the single 380-gpm pump unit with two 500-gpm pumps. The project will consist of constructing a new pump building, upgrading the electrical equipment, and reconnecting the existing piping to serve the relocated pumps. The pump station is more than 50 years old and is the primary source of water supply for the Knolls (1404) Pressure Zone. By having two pumps, the Knolls Zone will be more reliable for the area.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Construction	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Total	\$ -	\$ 390,000	\$ -	\$ -	\$ -	\$ -	\$ 390,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ -	\$ 390,000	\$ -	\$ -	\$ -	\$ -	\$ 390,000
Total	\$ -	\$ 390,000	\$ -	\$ -	\$ -	\$ -	\$ 390,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Recycled Water Projects	Operating Costs:	
Project No.:	CP980201	First Year:	\$4,000
Lead Department:	Public Works	Subsequent Years:	\$70,000
Project Manager:	Neil Barnsdale	Source of Funds:	WW Replacement Reserve/ County/State/Federal Funds

Project Description: This project is proposed to increase recycled water availability to 70 or more customers in the western area of Simi Valley with as much as 4,250 acre-feet per year of recycled water for irrigation and non-potable water uses. The proposed project would upgrade the existing recycled water pump station at the Water Quality Control Plant, construct a 1-1.25 MG storage tank, install up to thirteen miles of pipeline, and construct a pump station. In conjunction with street improvements, 4,000 feet of pipeline was constructed in West Los Angeles Avenue/West Easy Street. A \$3,000,000 Water Bond grant from the State would help fund project Phases one and two. A State Revolving Fund Loan is being requested to finance the Project beginning in FY 2017-18. The SRF loan is a line of credit with an interest rate of one percent over a 30-year term.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 1,554,000	-	\$ 624,100	\$ 292,600	-	\$ -	\$ 2,470,700
Construction	3,165,800	3,500,000	8,500,000	2,500,000	4,200,000	1,000,000	22,865,800
Purchase Calleguas System	-	1,500,000	-	-	-	-	1,500,000
Total	\$ 4,719,800	\$ 5,000,000	\$ 9,124,100	\$ 2,792,600	\$ 4,200,000	\$ 1,000,000	\$ 26,836,500

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 2,737,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,737,000
Proposition 84 Grant	500,000	2,500,000	-	-	-	-	3,000,000
State Revolving Fund Loan	1,482,800	2,500,000	9,124,100	2,792,600	4,200,000	1,000,000	21,099,500
Total	\$ 4,719,800	\$ 5,000,000	\$ 9,124,100	\$ 2,792,600	\$ 4,200,000	\$ 1,000,000	\$ 26,836,500

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Simi Valley Groundwater Basin
Project No.: CP985141
Lead Department: Public Works
Project Manager: Sarah Sheshebor

Operating Costs:
First Year: \$0
Subsequent Years: \$0
Source of Funds: WW Capital Fund

Project Description: This project will develop the Simi Valley Basin into a potable local water resource to offset the District's dependence on purchased imported water from Calleguas resulting in improved water supply reliability and reduced cost for District customers. A geohydraulic evaluation of the Basin completed in 2016 estimates that its perennial yield is 9,000 acre-feet per year (AFY) and that the groundwater requires treatment to reduce its salinity to allow for its potable use. Calleguas proposes to extend its Salinity Management Pipeline to Simi Valley by 2022, providing a means of disposing of waste byproduct generated by a groundwater treatment process that is necessary to develop the Basin. A feasibility study is being prepared to evaluate alternatives to determine a recommended project, which is anticipated to produce an estimated 5,000 AFY, or about 25 percent of the District's water supply that can save about \$7 million per year in purchased water costs. Improvements would include new production wells, groundwater treatment plant, pump station, potable water lines, and concentrate waste lines estimated to cost between \$20 and \$25 million, and an estimated completion date of 2022. Following the feasibility study will be the preparation of planning documents, including acquiring property for the treatment plant and well sites, an environmental assessment, monitoring plans, groundwater sustainability plans, and grant and loan applications. The design is estimated to begin in 2020 and construction to begin in 2021.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 500,000	-	\$ 1,500,000
Construction	-	-	-	-	7,000,000	-	7,000,000
Total	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 7,500,000	\$ -	\$ 8,500,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ 1,000,000
Revenue Financing					\$ 7,500,000	-	\$ 7,500,000
Total	\$ 250,000	\$ 350,000	\$ 200,000	\$ 200,000	\$ 7,500,000	\$ -	\$ 8,500,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Small Tank Replacements	Operating Costs:	
Project No.:	CP980380	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Sarah Sheshebor	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to replace Well 31 Tank, Well 32 Tank, Station No. 2 Tank, Station No. 3 Tank, and the Tapo Canyon Water Treatment Plant's Aerator Tank. All of these existing tanks are deteriorated beyond the point of repair. Replacing the tanks would improve reliability, prevent water wasting, and may help improve system water quality. Station No. 3 Tank and the Aerator Tank were completed in FY 2016-17. Well 31 and 32 Tank are scheduled for FY 2017-18 and Station No. 2 Tank is scheduled for FY 2018-19.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 70,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 110,000
Construction	530,000	135,000	175,000	-	-	-	840,000
Total	\$ 600,000	\$ 155,000	\$ 195,000	\$ -	\$ -	\$ -	\$ 950,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 600,000	\$ 155,000	\$ 195,000	\$ -	\$ -	\$ -	\$ 950,000
Total	\$ 600,000	\$ 155,000	\$ 195,000	\$ -	\$ -	\$ -	\$ 950,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Tank Recoating and Repair Program	Operating Costs:	
Project No.:	CP76300004	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Neil Barnsdale	Source of Funds:	WW Replacement Reserve

Project Description: This program provides for the interior recoating and repair of the District's water storage tanks. The District maintains 42 tanks and many have been in service for over 50 years. As a result, the interior coatings and structural members have experienced severe corrosion and require replacement. The longevity of the tanks are significantly increased if they are repaired and recoated (R&R), enhancing reliability in a cost effective manner. Also, some of the tanks that were previously recoated require rafter repair. Based on earlier tank inspection and assessment, the schedule of work includes Madera 1190 Tank R&R (This project was previously bid in 2016. However, bids were rejected and rescheduled for bid in Summer 2017.) and Rocketdyne Tank Rafter repairs in FY 2017-18, Walnut Tank No. 1 R&R and Marr Ranch Tank No. 1 Rafter repairs in FY 2018-19, Walnut Tank No. 2 R&R and Hilltop Tank Rafter repairs in FY 2019-20, Flanagan Tank R&R in FY 2020-21, and Alta Vista Tank No. 1 R&R in FY 2021-22.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 40,000	\$ 240,000
Construction	-	110,000	300,000	360,000	255,000	200,000	1,225,000
Total	\$ -	\$ 160,000	\$ 350,000	\$ 410,000	\$ 305,000	\$ 240,000	\$ 1,465,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ 160,000	\$ 350,000	\$ 410,000	\$ 305,000	\$ 240,000	\$ 1,465,000
Total	\$ -	\$ 160,000	\$ 350,000	\$ 410,000	\$ 305,000	\$ 240,000	\$ 1,465,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Walnut Avenue Pump Station
Project No.: CP980460
Lead Department: Public Works
Project Manager: Neil Barnsdale

Operating Costs:
First Year: \$10,000
Subsequent Years: \$10,000
Source of Funds: WW Capital Fund

Project Description: This project is proposed to construct a pump station at the Walnut Yard and 1,400 feet of pipeline in Walnut Street to replace the existing Tapo Street pump and provide the necessary capacity for the Lost Canyons Development. The new water line would serve the Lost Canyons development and the developer would share the cost of the improvement (\$125,000 is the developer's cost share). The estimated completion date is dependent on the developer's schedule. This project was formerly titled "Tapo Street Pump Station Replacement Project".

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 40,000	-	\$ 40,000	\$ -	\$ -	\$ -	\$ 80,000
Construction	20,000	-	460,000	-	-	-	480,000
Total	\$ 60,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 560,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ 60,000	-	\$ 375,000	\$ -	\$ -	\$ -	\$ 435,000
Contributions	-	-	125,000	-	-	-	125,000
Total	\$ 60,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 560,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Water Line Relocation - Box Canyon	Operating Costs:	
Project No.:	CP980440	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to relocate approximately 400 feet of 12-inch pipeline that currently runs from Station No. 3 Pump Station to Rocketdyne Tank. The relocation is needed as the current alignment is installed in a roadway, and the shallow installation is causing exposure of the pipe. Staff has explored realigning the roadway as an alternative and recommends installing a new line deeper than the existing with more coverage to provide protection from the roadway. Also, since this is a main transmission line with no redundant supply, \$35,000 is recommended to be added to the project budget to provide temporary piping to supply water during construction.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 30,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 35,000
Construction	230,000	30,000	-	-	-	-	260,000
Total	\$ 260,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 295,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 260,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 295,000
Total	\$ 260,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ 295,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Water Line Replacement in La Gross Way	Operating Costs:	
Project No.:	CP76300006	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Neil Barnsdale	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to replace approximately 500 feet of pipeline in La Gross Way and install 10 service connections and a fire hydrant. The existing 6-inch asbestos cement pipe is badly corroded and has been repaired many times. Replacement is recommended to ensure reliability of the water system.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Construction	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Total	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Total	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Water Main Replacement Program	Operating Costs:	
Project No.:	CP76300007	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Neil Barnsdale	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to construct pipeline improvements/replacements, as identified and prioritized in the Water Facilities Assessment and Cost of Service Evaluation. The replacements would address hydraulic deficiencies, deteriorating pipeline conditions, and correct right-of-way conflicts, thereby maintaining water system reliability. Approximately 6,100 feet of pipeline is planned to be replaced in FY 2017-18. The affected streets are: Lookout Rock Trail, Black Canyon Road, Alta Vista Road, Clear Springs Road, and Santa Susana Pass Road. The design is scheduled to be completed by December 2017 and construction is expected to be completed by July 2018.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 10,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 910,000
Construction	90,000	1,000,000	1,800,000	1,800,000	1,800,000	1,800,000	8,290,000
Total	\$ 100,000	\$ 1,100,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 9,200,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 100,000	\$ 1,100,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 9,200,000
Total	\$ 100,000	\$ 1,100,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 9,200,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title: Water Storage Mixing Systems
Project No.: CP980321
Lead Department: Public Works
Project Manager: Mansour Moradi

Operating Costs:
First Year: \$6,500
Subsequent Years: \$6,500
Source of Funds: WW Capital Fund

Project Description: This project is proposed to purchase and install water-circulation systems in water storage tanks to reduce water quality degradation within the tanks. Past completed installations at eight water storage tanks have shown the improvement of water quality and reduce water wasting. The Big Sky #2, Casual Court, Crosby, Flanagan, and Thornridge tanks systems are planned to be installed in FY 2016-17, and Big Sky #1, Madera #1, and Rocketdyne Tank systems are scheduled in FY 2017-18. Stearns #2, Wood Ranch #1 and Wood Ranch #2 are planned for FY 2018-19, which will likely complete the program.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 80,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 120,000
Construction	235,000	115,000	120,000	-	-	-	470,000
Total	\$ 315,000	\$ 135,000	\$ 140,000	\$ -	\$ -	\$ -	\$ 590,000

SOURCES OF FUNDING:							
Waterworks Capital Fund	\$ 315,000	\$ 135,000	\$ 140,000	\$ -	\$ -	\$ -	\$ 590,000
Total	\$ 315,000	\$ 135,000	\$ 140,000	\$ -	\$ -	\$ -	\$ 590,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Waterworks SCADA System Upgrade	Operating Costs:	
Project No.:	CP980461	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Michael Kang	Source of Funds:	WW Replacement Reserve

Project Description: This project would upgrade and replace the System Control and Data Acquisition (SCADA) system that Waterworks Operations relies upon. Replacing the SCADA system would maximize system reliability and operational efficiency. In addition, many software programs and components that interface with SCADA, will need to be updated or replaced as well. Upgrading and enhancing technological systems is a recommendation of the recently adopted Efficiency Analysis of Waterworks Engineering and Operations.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 100,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Construction	150,000	200,000	-	-	-	-	350,000
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

**FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2017-18 TO 2021-22**

Project Title:	Well Rehabilitation Program	Operating Costs:	
Project No.:	CP76300008	First Year:	\$0
Lead Department:	Public Works	Subsequent Years:	\$0
Project Manager:	Sarah Sheshebor	Source of Funds:	WW Replacement Reserve

Project Description: This project is proposed to assess and rehabilitate two production wells and five groundwater wells to ensure reliability, longevity, and water quality. The production wells provide groundwater supplies to the Tapo Canyon Water Treatment Plant and to non-potable water customers. The groundwater wells maintain the level of groundwater in specific areas of the City to prevent surface water water issues. The assessment would inspect all wells, review their construction, test the mechanical equipment, check the water quality, and rehabilitate the well. The data would be analyzed to determine the characteristics, condition, performance, and deterioration of each well and equipment to recommend rehabilitation and maintenance measures. A well expert (hydrogeologist) may also be needed for analytical work and advice.

EXPENDITURE PLAN:	Prior Yr Funds	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Consultant Services	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000
Construction	110,000	70,000	70,000	70,000	70,000	70,000	460,000
Total	\$ 160,000	\$ 80,000	\$ 560,000				

SOURCES OF FUNDING:							
Waterworks Repl. Reserve	\$ 160,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 560,000
Total	\$ 160,000	\$ 80,000	\$ 560,000				

GLOSSARY AND ACRONYMS

GLOSSARY

Agency Funds

Also known as Fiduciary Fund Types, these funds are used to account for assets held by the City in a trustee capacity or as an agent for private individuals, organizations, or other governmental agencies.

Anticipated Underexpenditures

An amount that is used to reduce budgeted expenditure amounts to increase the accuracy of year-end fund balance projections.

Appropriation

An authorization made by the City Council that permits the City to incur obligations and to make expenditures. An appropriation is usually limited in amount and as to the time when it may be expended.

Assessed Valuation

A value established for real property for use as a basis in levying property taxes. For all agencies in the State of California, assessed value is established by the County for the secured and unsecured property tax rolls; the utility property tax roll is valued by the State Board of Equalization. Under Article XIII of the State Constitution (Proposition 13 adopted by the voters on June 6, 1978), properties are assessed at 100% of full value. Proposition 13 also modified the value of real taxable property for fiscal 1979 by rolling back values to fiscal 1976 levels. From this base of assessment, subsequent annual increases in valuation are limited to a maximum of 2%. However, increases to full value are allowed for property improvements or upon change in ownership. Personal property is excluded from these limitations, and is subject to annual reappraisal.

Audit

Prepared by an independent certified public accountant (CPA), the primary objective of an audit is to determine if the City's Financial Statements present fairly the City's financial position and results of operations in conformity with generally accepted accounting principles. In conjunction with their performance of an audit, it is customary for an independent auditor to issue a Management Letter stating the adequacy of the City's internal controls as well as recommending improvements to the City's financial management practices.

Bonds

A form of borrowing (debt financing) that reflects a written promise from the City to repay a sum of money on a specific date at a specified interest rate. Bonds are used to finance large capital projects such as buildings, streets, utility infrastructure, and bridges.

Budget

A financial plan for a specified period of time that matches planned revenues and expenditures to municipal services. The City of Simi Valley uses a financial plan covering one fiscal year, with adjustments to budget appropriations made at mid-year if necessary.

Budget Supplemental Appropriation

Under City Ordinance, the City Council has the sole responsibility for adopting the City's budget, and may amend or supplement the budget at any time after adoption by majority vote. The City Manager has the authority to approve administrative adjustments to the budget as long as those changes will not have a significant policy impact nor affect budgeted year-end fund balances.

GLOSSARY

Budget Message

Included in the opening section of the budget, the Budget Message provides the City Council and the public with a general summary of the most important aspects of the budget, changes from previous fiscal years, and the views and recommendation of the City Manager.

Budget Policies

General and specific guidelines adopted by the City Council that govern budget preparation and administration.

Capital Improvement Program (CIP)

A plan to provide for the maintenance or replacement of existing public facilities and assets and for the construction or acquisition of new ones.

Capital Outlay

A budget appropriation category for equipment items.

Capital Project Funds

This fund type is used to account for financial resources used in the acquisition or construction of major capital facilities other than those financed by Proprietary Funds.

Certificates of Participation

Form of lease-purchase financing used to construct or acquire capital facilities and equipment.

Debt Instrument

Methods of borrowing funds, including general obligations (G.O.) bonds, revenue bonds, lease/purchase agreements, lease-revenue bonds, tax allocation bonds, certificates of participation (COP's), and assessment district bonds. (See Bonds and Revenue Bonds)

Debt Service

Payments of principal and interest on borrowed funds such as bonds.

Debt Service Funds

This fund type is used to account for the payment and accumulation of resources related to general long-term debt principal and interest.

Deficit

An excess of expenditures or expenses over revenues.

Department

A major organizational unit of the City that has been assigned overall management responsibility for an operation or a group of related operations within a functional area.

Division

A group of cost centers within a department that has responsibility for one or more program areas.

GLOSSARY

Enterprise Funds

These funds are used to account for operations that are: (a) financed and operated in a manner similar to private sector enterprises and it is the intent of the City that the costs (including depreciation) of providing goods or services to the general public be financed or recovered primarily through user charges; or (b) the City or an outside grantor agency has determined that a periodic determination of revenues earned, expenses, and net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes. Three enterprise funds have been established by the City: Sanitation, Waterworks, and Transit.

Expenditure

The outflow of funds paid or to be paid for an asset obtained or goods and services obtained regardless of when the expense is actually paid. This term applies to all funds. An encumbrance is not an expenditure; but rather it reserves funds to be expended at a later date.

Fiscal Year

The beginning and ending period for recording financial transactions. The City has specified July 1 to June 30 as its fiscal year.

Fixed Assets

Assets of long-term nature such as land, buildings, machinery, furniture, and other equipment. The City has defined such assets as those with an expected life in excess of one year and an acquisition cost in excess of \$5,000.

Fund

An accounting entity that records all financial transactions for specific activities or government functions. The fund types used by the City are: General Fund, Special Revenue, Debt Service, Capital Project, Enterprise, and Internal Service and Agency Funds.

Fund Balance

Fund balance is the difference between assets and liabilities.

General Fund

The primary operating fund of the City, all revenues that are not allocated by law or contractual agreement to a specific fund are accounted for in the General Fund.

Goal

A statement of broad direction, purpose, or intent.

Grant

Contributions, gifts of cash, or other assets from another governmental entity to be used or expended for a specific purpose, activity, or facility. An example is the Community Development Block Grant provided by the Federal Government.

Interfund Transfer

Monies transferred from one fund to another. These transfers may finance the operations of another fund or to reimburse the fund for certain expenditures/expenses.

GLOSSARY

Internal Service Fund

An Internal Service Fund provides services to other City departments and bills the various other funds for services rendered, just as would private business. ISF's are self-supporting and only the expense by an ISF is counted in budget totals. Liability Insurance and Workers' Compensation Insurance are examples.

Materials, Supplies and Services

Expenditures/expenses which are ordinarily consumed within a fiscal year and which are not included in departmental inventories.

Municipal Code

A book that contains the City Council approved ordinances currently in effect. The Code defines City policy with respect to areas such as planning, etc.

Objective

A statement of specific direction, purpose, or intent based on the needs of the community and the goals established for a specific program.

OPEB

Other Post Employment Benefits such as retiree health and dental coverage provided by a state or local government and reported in accordance with Governmental Accounting Standards Board (GASB) Statement No. 45.

Operating Budget

A budget for general expenditures such as salaries, utilities, and supplies.

Personnel Savings

Under the City's budgeting procedures, personnel cost projections are based on all positions being filled throughout the year. However, past experience indicates that personnel expenditures for salaries and benefits are consistently less than budgeted amounts, due at least in part to this costing methodology. Accordingly, the Personnel Savings account is used to account for this factor in preparing fund balance projections.

Public Financing Authority

A separate entity attached to the City that participates in public financing of city projects and activities.

Reserve

An account used to indicate that a portion of a fund's balance is restricted for a specific purpose and is, therefore, not available for general appropriation.

Revenue

Sources of income that finance the operations of government.

Special Revenue Funds

This fund type is used to account for the proceeds from specific revenue sources (other than trusts or major capital projects) that are legally restricted to expenditures for specific purposes.

GLOSSARY

Subventions

Revenues collected by the State (or other level of government), which are allocated to the City on a formula basis. The major subventions received by the City from the State of California include motor vehicle in-lieu, and gasoline taxes.

ACRONYMS & ABBREVIATIONS

ADA

Americans With Disabilities Act

APCD

Air Pollution Control District

ARRA

American Recovery and Reinvestment Act

BTC

Business Tenancy Certificate

CAC

Simi Valley Cultural Arts Center

CAFR

Comprehensive Annual Financial Report

Cal EMA

California Emergency Management Agency

CAL/OSHA

California Occupational Safety and Health Administration

CARB

California Air Resources Board

CDA

Simi Valley Community Development Successor Agency

CEB

Continuing Education of the Bar

CDBG

Federal Community Development Block Grants Program

CDIAC

California Debt and Investment Advisory Commission

CEQA or C.E.Q.A.

California Environmental Quality Act

CERT

City Emergency Response Team

CFD

Mello-Roos Community Facility District

CHP

California Highway Patrol

CIP

Capital Improvement Program

CIT

Crisis Intervention Team

CLETS

California Law Enforcement Telecommunications System

CNG

Compressed Natural gas

CMWD

Calleguas Municipal Water District

COA

Simi Valley Council on Aging

CPI-U

Consumer Price Index for All Urban Consumers

CSMFO

California Society of Municipal Finance Officers

DAR

Dial-A-Ride Service

DBE

Disadvantaged Business Enterprise

DMV

California Department of Motor Vehicles

EIR

Environmental Impact Report

EOC

Emergency Operations Center

ERP

Enterprise Resources Planning System (City of Simi Valley Integrated Financial System)

ESRI

Environmental Systems Research Institute

ACRONYMS & ABBREVIATIONS

FBRR

Fare Box Recovery Ratio

FEMA

Federal Emergency Management Agency

FIS

Simi Valley Financial Information System

GFOA

Government Finance Officers Association

GIS

Geographic Information System

HUD

Federal Department of Housing and Urban Development

IACG

Ventura County Inter-agency Coordination Group

IPS

Integrated Police Systems

JPA

Joint Powers Agreement

LAFCO

Local Agency Formation Commission

LAIF or L.A.I.F

California State Treasurer's Local Agency Investment Fund

LEED

Leadership in Energy and Environmental

LTF

Local Transportation Funds

MCC

Mortgage Credit Certificate Program

MCLE

Minimum Continuing Legal Education

MOA

Memorandum of Agreement

MOU

Memorandum of Understanding

MOW

Meals-On-Wheels Program

MS4

Municipal Separate Storm Sewer System

MUSTS

Municipal Unsafe Structure Tracking System

NEPA

National Environmental Policy Act

NIMS

National Incident Management System

NPDES

National Pollutant Discharge Elimination System

PERS

California Public Employees Retirement System

PSA

Police Services Assistant

PSAP

Primary System Answering Point

POA

Simi Valley Police Officers' Association

POST or P.O.S.T.

Police Officer Standardized Training

PSC

Simi Valley Public Services Center

RFP

Request for Proposals

SAP

Fully integrated computer business software program used by the City of Simi Valley

SCAG

Southern California Association of Governments

SEP

Simplified Express Permitting

SRO

School Resource Officer

SSC

Schedule of Service Charges

SVMC

Simi Valley Municipal Code

ACRONYMS & ABBREVIATIONS

SWT

Special Weapons and Tactics

WAN

Wide Area Network

TARP

Teen Assistance and Resource Program

YES

Youth Employment Services Program

TEA

Tax Equity Allocation

TRAK

Technology to Recover Abducted Kids
System

USEPA

United States Environmental Protection
Agency

VCAT

Ventura County Combined Agency Task
Force

VCIJIS

Ventura County Integrated Justice
Information System

VCOG

Ventura Council of Governments

VCTC

Ventura County Transportation
Commission

VERSATERM

Integrated Police Systems Software

VPN

Virtual Private Network

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